UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10
1200 Sixth Avenue
Seattle, Washington 98101

RECEIVED
OCT - 5 1995
ANCHORAGE - AOGA

October 2, 1995

Reply To
Attn of: OEC-075

David Rowse
General Manager
Mapco Alaska Petroleum, Inc.
1100 H & H Lane
North Pole, Alaska 99705

Dear Mr Rowse:

Enclosed is a copy of the U. S. Environmental Protection Agency (EPA) Multimedia Inspection Report which documented our inspection conducted at your facility between May 10-14, 1993. This inspection was conducted (jointly) with the Alaska Department of Environmental Conservation (ADEC).

We are providing this information to you as part of our effort to inform the regulated community of the results of our multimedia inspections. We apologize for the delay in providing the information to you, and are working to ensure that the time period necessary to process this information is shortened.

If you have questions regarding this matter, please call me at (206) 553-1265.

Sincerely,

IMAGED

Ronald A. Kreizenbeck, Director
Office of Enforcement and Compliance

Enclosure

cc: Al Ewing, Alaska Operations Office w/o enclosure
Kristen DuBois-Goodwin, ADEC w/o enclosure

Printed on Recycled Paper

AKD 0701
7/24/00
4a

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

RCRA Compliance Evaluation Inspection (CEI) Report

Facility Name: Williams Alaska Petroleum, Inc., or
Mapco Alaska Petroleum, Inc.

Facility EPA ID#: AKD 00085 0701

Facility Location: 1100 H and H Lane
North Pole. Alaska 99705

Facility Representative: Kathleen McCullom, Manager of Environmental Affairs
Corey D. Mead, Environmental Coordinator
(907) 488-0033

Date of Inspection: June 22 2000

Date of Report: July 24, 2000

Report Prepared by: Bruce Long

Inspector(s): Diane Richardson, Environmental Protection Specialist
US Environmental Protection Agency
222 W. 7th Avenue, Federal Building, Room 537
Anchorage, AK 99513

Bruce Long, Environmental Protection Specialist
US Environmental Protection Agency
811 SW Sixth Avenue
Portland, OR 97204

Authority:

The United States Environmental Protection Agency (EPA) performed this Compliance Evaluation Inspection (CEI) to secure information regarding Williams Alaska Petroleum, Inc.'s (Williams or Facility), compliance with the regulations promulgated under the Resource Conservation and Recovery Act (RCRA) as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA). Specifically, regulations found at 40 CFR Part 260 through 270 and 279 for the management, transportation, treatment, and disposal of hazardous waste and used oil as defined under these Parts. This inspection was carried out under the authority of Section 3007 of RCRA.

Scope:

Williams is a small crude oil refinery that receives and stores crude oil in tanks. This inspection focused on the newly hazardous waste listing for the petroleum refining industry. Specifically at Williams, EPA focused on the disposal of crude oil tanks bottoms from the refining operations. This waste stream became regulated as listed hazardous waste on February 8, 1999. In addition, Williams was inspected for compliance with the large quantity generator (LQG) regulations for other sold waste management activities.

Facility Description and Compliance History:

Williams Alaska Petroleum, Inc. began operation in North Pole, Alaska in 1970. The operation is limited to the distillation side of the petroleum industry. Williams does not perform any of the various phases of petroleum cracking (i.e. coking or reforming). Williams downstream process consists of a fractionator (distiller). The products produced are fuel oil, gasoline, kerosene and naphtha solvent. The crude oil is delivered to Williams via the Alaska Pipeline. The straight run residue is stored in tanks and then returned to the Alaska pipeline.

As of the date of this inspection, Region 10 did not have any compliance history other than a notification as a large quantity generator.

Introductions/Williams Staff:

On June 22, 2000, the EPA inspection team arrived at the security gate for Williams Refinery (Williams Alaska Petroleum, Inc., or Mapco Alaska Petroleum, Inc.) in North Pole, Alaska at approximately 8:40 a.m. After check-in, the inspection team met with Kathleen McCullom, Manager of Environmental Affairs and Corey D. Mead, RCRA Compliance Contact. After introductions, the inspection team presented credentials and identified the purpose and scope of the inspection.

Ms. McCullom provided the inspection team the following summary of hazardous wastes generated at the facility:

1) Petroleum primary oil/water/solids separation sludge (D001/D018/F037). Williams generates about 5,800 pounds a year. This waste stream is sent to Ensco for incineration.

2) Slop and general waste oils from the operation. This is a benzene and lead hazardous waste stream (D008/D018). Williams generates about 500 pounds a year. This waste stream is sent to Ash Grove Cement and burned as a fuel.

3) A mercury liquids/solids mixture waste stream, which is from the desalting process (D009). Williams generates approximately 400 pounds per year. The waste stream is disposed at Columbia Ridge Landfill in Arlington, Oregon.

4) Slop and general waste oils from the operation. This is a benzene solid hazardous waste stream (D018). Williams generates about 800 pounds a year. This waste stream is sent to Waste Technologies Industries for incineration.

5) Slop and general waste oils from the operation. This is a benzene liquid hazardous waste stream (D018). Williams generates about 800 pounds a year. This waste stream is sent to Ash Grove Cement and burned as a fuel.

6) Maintenance Shop Waste streams include used oils at approximately 55-gallons per month, aerosol cans and residue at approximately 10 gallons per year. Paint wastes at an undetermined amount per year because this waste stream is not generated on a regular basis. Phillips Environmental handles these waste streams.

7) Heat Exchanger solids (K050). Williams generates about 5,800 pounds per year. Phillips Environmental handles this waste stream.

8) PPE for the operation and cleaning of equipment at Williams. The volume of waste is included in the annual count for K050 waste. Phillips Environmental handles this waste stream as well.

Facility Inspection:

Refining Operations:

In the maintenance shop, the EPA inspection team observed two 55-gallon containers of used oil. Both containers were clearly marked with the words "Used Oil" and a 10- gallon container of spent aerosol cans with an accumulation date of 12/99 and marked as hazardous waste.

During the wash down of equipment at Williams, the oil/water is pumped into the facilities oil/water treatment system. Solids and liquids from the operation are the source of the two benzene waste streams noted earlier.

Tank Bottoms Disposal:

Ms. McCullom told EPA that , Williams has four tanks at it refinery. Two tanks are used to store incoming crude oil and two tanks are used to return crude after distillation. Williams receives crude oil via the Alaska pipeline and the waste or unused crude is returned to the pipeline. Ms. McCullom told the EPA inspection team that they were aware of the new listing for the tank bottoms. Thus, in 1998, prior to the listing, the tank bottoms from the crude storage tank were cleaned. According to Ms. McCullom, this was the first time in 20 years the tanks were cleaned. Because Williams can pump any waste back into the pipeline, it is expected that Williams will not be generating any tanks' bottom in the future. All four of the tanks are 2,000-gallons in size and have secondary containment.

Heat Exchanger Cleaning:

At the time of this inspection, Williams was in the process of cleaning its heat exchangers. This cleaning operation is done on a concrete pad located to the north of the refinery (Photo# 1). The concrete pad slopes to the south and during the pressure washing, the liquids flow to two sumps at the south end of the pad (Photo# 2). The solids are scooped up by Williams's personnel with shovels and placed into drums (Photo# 3). A heat exchanger can be seen in Photograph number 4. At the time of this inspection there were nine 55-gallon drums of heat exchanger waste stored on the pad. Phillips Environmental was due later that day to remove the containers. Each container was labeled with a DOT hazardous waste label, the name of the generator (Williams), and the DOT and RCRA hazardous waste description. The accumulation start date was marked on each container. The oldest date was June 9, 2000.

In addition to the heat exchanger activity, the north end of the concrete pad was used to collect and store oil contaminated soils, and during the winter, snow (Photo# 7 and 8). These soils become contaminated from truck traffic and vehicles used at the Williams refinery. Mr. Mead told the EPA inspection team these soils are sent to OIT for disposal.

Hazardous waste Storage Unit:

At the time of this inspection, EPA observed the following containers of hazardous waste were found in Williams's 90-day accumulation area:

1) Four 55-gallon containers of oily/water separator sludge marked as D001, D018, and F037 hazardous waste. The containers had the following accumulation dates; 5/16/00, 6/7/00, and 5/12/00.
2) One 55-gallon container of high benzene solids marked as D018 had an accumulation start date of 5/2/00.

All containers were in good condition; none were leaking. The containers were closed at the time of the inspection.

Waste Water Treatment Operations:

Crude oil enters the Williams facility via a 2,000-gallon tank (One of two Crude Oil Tanks). The crude oil goes though a desalting and water removal stripper. The water is then piped to a 195-gallon tank that feeds the Bio fixed film treatment unit. This unit is heated from non-contact waters. The results show a reduction in solids that have to be removed from the operation. This is the unit that is the source of the high benzene solids. At the time of this inspection, the EPA inspection team did not observe any waste accumulating near the treatment unit.

Other oil waste streams, such as slop contaminated with water from the sump cleaning at the concrete pad is pumped into the 195-gallon tank that feeds the wastewater treatment unit.

Manifest Review:

The EPA inspection team reviewed the manifests at Williams. Each manifest was signed by the Williams representative, the DOT descriptions of the waste matched the documentation observed in supporting the generators waste determinations. Each of the handlers of the waste had an EPA identification number. Copies of the manifests for 1999 and 2000 (as of the date of this inspection) are in Attachment I. All manifests were returned in a timely manner and an "Exception Report" was not required.

For each shipment, Williams was providing a new LDR notification form. Each form contained the information listed under 40 CFR 268.7.

Contingency Plan/Emergency Plan Review:

Mr. Mead told the EPA inspection team that Williams has its own emergency response team. The company trains the local staff to respond to spills and other cleanups. The lead on the spill cleanups is Ms. McCullom. The plan is at the facility and is available to all staff. Emergency telephone numbers were observed throughout the facility.

Summaries and Conclusions/Other:

During the closing conference with Kathleen McCullom, Manager of Environmental Affairs and Corey D. Mead, RCRA Compliance Contact, the EPA inspection team noted the following issues;

1) The concrete pad is used to clean the heat exchangers and store hazardous waste that contain the listed waste K050. This listed waste lies on the pad from several hours to a full day. EPA would consider the pad similar in operation to a drip-pad at a wood treating facility. For example, the pad would need to be thoroughly cleaned and inspected every 90-days. Williams would need to keep a report or log on this activity and make it available to the Regulators.

   In addition, Williams would need to insure that waste on the pad was not tracked off onto the surrounding soils.

This inspection closed at approximately 12:300 p.m. on June 22, 2000.

Photographs

Williams Alaska Petroleum, Inc.
North Pole, Alaska

June 22, 2000

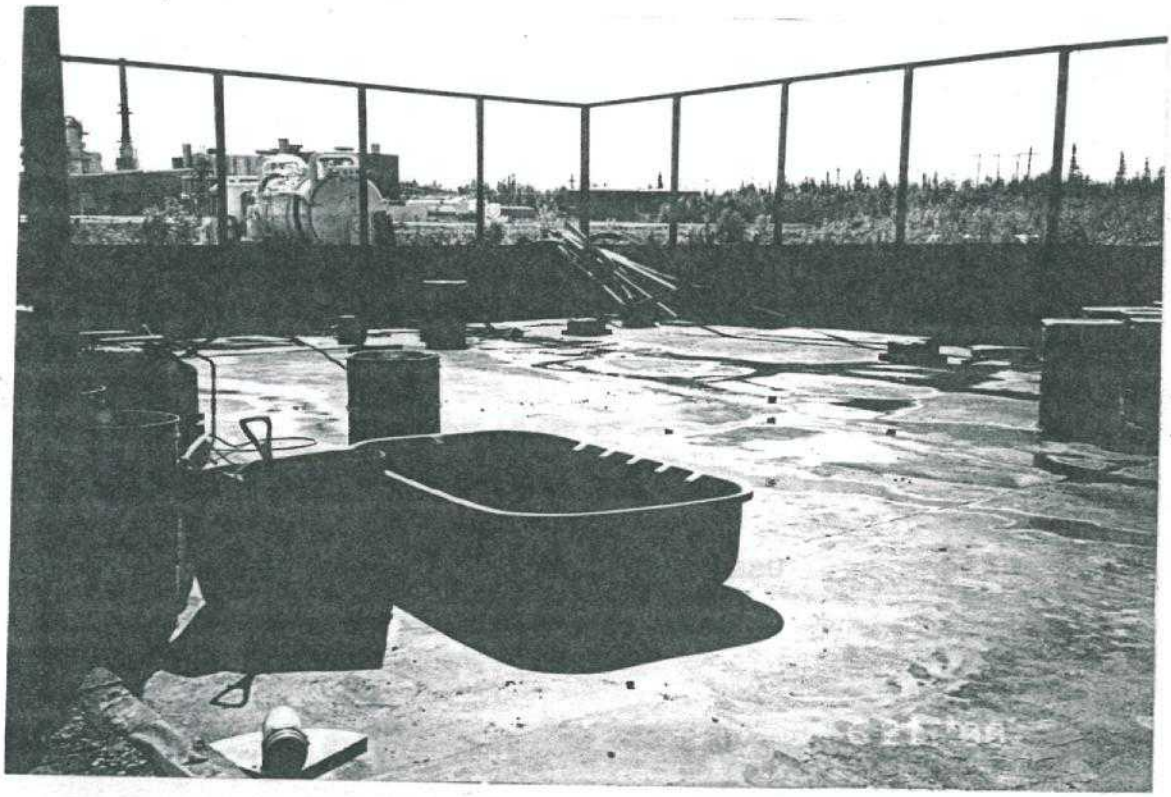
Attachment I

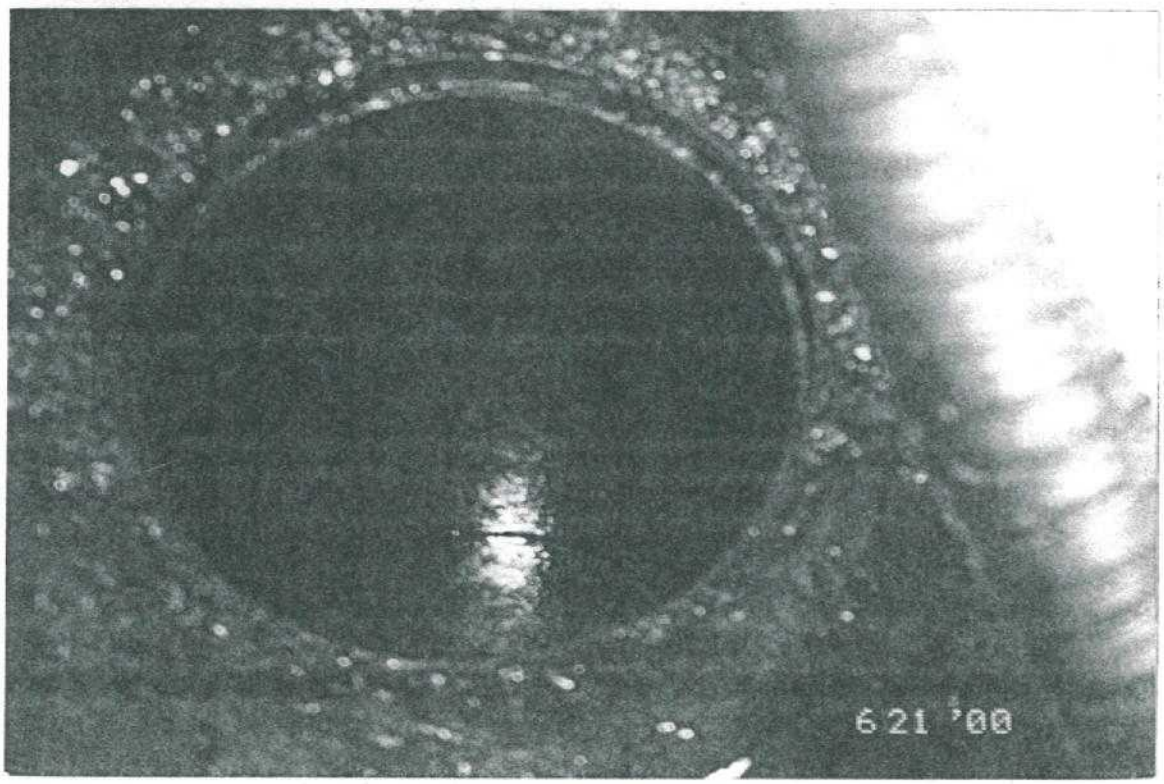
Manifests with LDR Notices
For
Williams Alaska Petroleum, Inc.
North Pole, Alaska

June 22, 2000

Photographs
Williams Alaska Petroleum, Inc.
North Pole, Alaska

June 22, 2000




6 21 '00

MAPCO-WILLIAMS, ALASKA PETROLEUM, INC. Photo 1
North Pole, Alaska

Cleaning pad for theheat exchangers look to the south.

USEPA-R10 June 22, 2000

MAPCO-WILLIAMS, ALASKA PETROLEUM, INC. Photo 2
North Pole, Alaska

At the south end of the pad are two sumps like this one. The oily water is pumped out and sent to "Tank 195", the headworks of the waste water treatment unit.

USEPA-R10 June 22, 2000

MAPCO-WILLIAMS,ALASKA PETROLEUM,INC. Photo 4
North Pole, Alaska

Observation of a heat exchanger. The soils in the background are from spill clean-ups at Williams.

USEPA-R10 June 22, 2000

MAPCO-WILLIAMS, ALASKA PETROLEUM, INC. Photo 3
North Pole, Alaska

Observation of containers holding K050 hazardous waste and the cleaning pad at Williams. Approximately 39 drums of various waste are stored for pickup by Phillips Environmental.

USEPA-R10 June 22, 2000

MAPCO-WILLIAMS, ALASKA PETROLEUM, INC. Photo 5
North Pole, Alaska

Observation of the cleaning pad looking northwest.

USEPA-R10

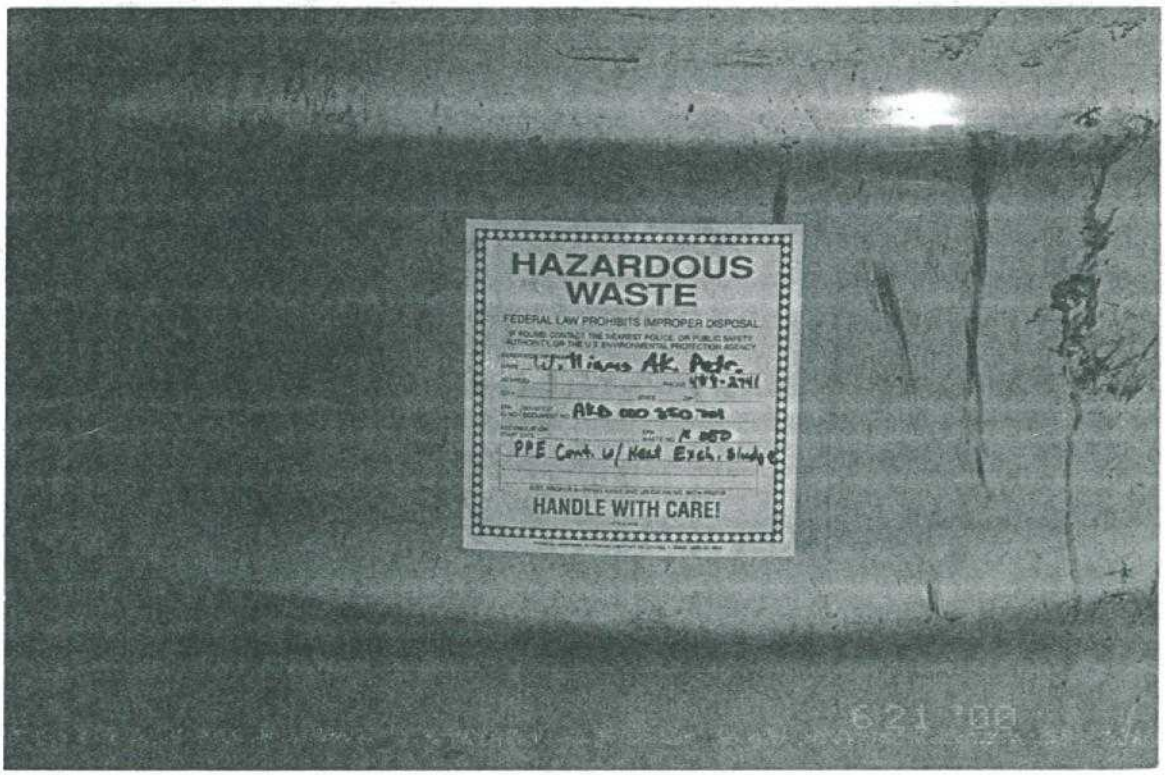
June 22, 2000

MAPCO-WILLIAMS, ALASKA PETROLEUM, INC. Photo 6
North Pole, Alaska

Spill clean-up soils. The soils will be disposed at OIT, a soil burning operation located in North Pole, Alaska.

USEPA-R10

June 22, 2000


HAZARDOUS
WASTE
FEDERAL LAW PROHIBITS IMPROPER DISPOSAL
HANDLE WITH CARE!

MAPCO-WILLIAMS, ALASKA PETROLEUM, INC. Photo 7
North Pole, Alaska

Spill clean-up soil. The soils will be disposed at OIT, a soil burning operation located in North Pole, Alaska. Looking south.

USEPA-R10 June 22, 2000

MAPCO-WILLIAMS, ALASKA PETROLEUM, INC. Photo 8
North Pole, Alaska

Example of label on hazardous waste stored on the cleaning pad.

USEPA-R10 June 22, 2000

Attachment I

Manifests with LDR Notices
For
Williams Alaska Petroleum, Inc.
North Pole, Alaska

June 22, 2000

Columbia Analytical Services inc.

September 29, 1997 Service Request No: A9700690

Corey Mead
Mapco Alaska Petroleum, Inc.
1100 H & H Lane
North Pole, AK 99705
Salt Tower Sand blasting (unleaded + premium)

Re: Sand and Sludge
Bulging Fo 37 drums

Dear Corey:

Enclosed are the results of the rush sample(s) submitted to our laboratory on August 19, 1997. Preliminary results were transmitted via facsimile on August 22, 1997. For your reference, these analyses have been assigned our service request number A9700690.

All analyses were performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the samples analyzed.

Please call if you have any questions. My extension is 0821.

Respectfully submitted,

COLUMBIA ANALYTICAL SERVICES, INC.

Mike Shelton

Mike Shelton
Laboratory Manager

MIS/gmh

4710 Business Park Blvd., Ste. 24 ▪ Anchorage, AK 99503-7100 ▪ 907-563-0846 ▪ Fax 907-563-2973

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	MAPCO Alaska Petroleum	**Service Request No.:**	A9700690
Project:	Sand and Sludge	**Date Received:**	8/19/97
Sample Matrix:	Sand, Sludge		

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for sample(s) designated for Tier 1 data deliverables. When appropriate to the method, method blank results have been reported with each analytical test.

All EPA recommended holding times have been met for analyses in this sample delivery group.

Approved by MH **Date** 9/30/97

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	MAPCO Alaska Petroleum	**Service Request:**	K9706022
Project:	Sand & Sludge	**Date Collected:**	8/18/97
Sample Matrix:	Sludge	**Date Received:**	8/19/97
		Date Extracted:	NA
		Date Analyzed:	8/21/97

Solids, Total
EPA Method 160.3 Modified
Units: Percent (%)

F037 Bulging Drums

Sample Name	Lab Code	Result
163G	K9706022-001	17.7
156D	K9706022-002	22.6

Approved By: MW Date: 9/30/97

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	EMCON	**Service Request:**	K9706022
Project:	Sand & Sludge	**Date Collected:**	8/18/97
Sample Matrix:	Sludge	**Date Received:**	8/19/97
		Date Extracted:	NA
		Date Analyzed:	8/22/97

Total Sulfides
EPA Method 9030M
Units: mg/Kg (ppm)
Dry Weight Basis

Reactive F037

Sample Name	Lab Code	MRL	Result
163G	K9706022-001	0.05	37000
156D	K9706022-002	0.05	53000
Method Blank	K9706022-MB	0.05	ND

Approved By: MJ Date: 9/30/97

APPENDIX A

CHAIN OF CUSTODY INFORMATION
COOLER RECEIPT FORM

A9700650

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST
NPR-204

signed invoice

Project Manager:	Corey Mead	**Date Shipped:**	18-Aug-97
Phone:	(907) 488-0054	**Carrier:**	Federal Express
Fax:	(907) 488-5152	**P.O. Number:**	10900
Project Name:	Sand and Sludge	**Contract Number**	

Ship to:	Columbia Analytical Services 4600 Business Park Blvd Ste #32 Anchorage, AK 99503	**Send Results to:**	MAPCO ALASKA PETROLEUM Inc. 1100 H & H Lane North Pole, Alaska 99705
Attention:	Mike Shelton	**Attention:**	Corey Mead

CDM		FED EX		8-18-97	0900
Relinquished by:	*(Signature)*	Received by: *(Signature)*		Date	Time
Relinquished by:	*(Signature)*	Received by: *(Signature)*		8/19/97	10.00
				Date	Time

	Sample Description	Sample Matrix	Number of Containers	Date Sampled	Time Sampled	Analysis Requested	Sample Condition Upon Receipt
690-1	Sample #1	sand	1	18-Aug-97	07:45	TCLP Metals	
-2	163G	sludge	1	18-Aug-97	07:50	Total Sulfides	
-3	156D	sludge	1	18-Aug-97	07:55	Total Sulfides	

Ambient
2 F & B

SPECIAL INSTRUCTIONS: **24 Hour TAT on Sulfides and 72 Hour TAT on Metals, please.**

Columbia Analytical Services, Inc.
Cooler Receipt and Preservation From

Client: Mapco Alaska Petroleum, Inc. Work order: A9700690

Project: Sand and Sludge

Cooler received on: 8/19/97 and opened on 8/19/97 by Sherry Long

			Yes	No	N/A
1	Were custody seals on outside of cooler?		x	o	o
	If yes, how many and where?	2 f&b			
	Were signature and date correct?		x	o	o
2	Were custody papers properly filled out (ink, signed, etc....)?		x	o	o
3	Did all bottles arrive in good condition (unbroken, etc....)?		x	o	o
4	Were all bottle labels correct (analysis, preservation, etc....)?		x	o	o
5	Did all bottle labels and tags agree with custody papers?		x	o	o
6	Were correct bottles used for test indicated?		x	o	o
7	Were VOA vials checked for absence of air bubbles, and noted?		o	o	x
8	Temperature of cooler upon receipt	Ambient		Degrees C	

Explain any discrepancies: _____

		Yes	No
pH	Reagent		
12	NaOH		
2	HNO_3		
2	H_2SO_4		

Yes = all samples OK
No = Samples were preserved at lab as listed

Comments:

Sample I.D.	Reage	Vol.

ARR10819

***FOR 24 HOUR EMERGENCY RESPONSE INFORMATION, CALL (907) 272-9007 ***

(4024) 99A269 09/08/99

Please print or type. (Form designed for use on elite (12 pitch) typewriter.) 48313 Form Approved. OMB no. 2050-0039. Expires 9-30-99

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No: AKD000850701 | Manifest Document No: NPR38 | 2 Page 1 of 2 | Information in the shaded areas is not required by Federal law.

GENERATOR

3 Generator's Name and Mailing Address
WILLIAMS ALASKA PETROLEUM INC
1100 H & H LANE
4 Generator's Phone NORTH POLE AK 99705-0000 (907)488-0033

A. State Manifest Document Number

B. State Generator's ID

5 Transporter 1 Company Name: Burlington Environmental, Inc. | 6 US EPA ID Number: AKD983068602

C. State Transporter's ID

D. Transporter's Phone (907)272-9007

7 Transporter 2 Company Name: Alaska Railroad Corporation | 8 US EPA ID Number: AKD981767403

E. State Transporter's ID

F. Transporter's Phone (907)265-2476

9 Designated Facility Name and Site Address
BURLINGTON ENVIRONMENTAL INC.
734 South Lucile Street
Seattle , WA 98108
10 US EPA ID Number: WAD000812909

G. State Facility's ID

H. Facility's Phone (206) 762-3362

	11 US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12 Containers No.	Type	13 Total Quantity	14 Unit Wt/Vol	I. Waste No.
a.	RQ WASTE FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES, BENZENE) 3 UN1993 PGII (BENZENE) ERG#(128)	10	DM	4000	P	D001 D018
b.	RQ HAZARDOUS WASTE LIQUID, N.O.S. (SULFOLANE, BENZENE) 9 NA3082 PGIII (BENZENE) ERG#(171)	4	DM	1800	P	D018
c.	RQ HAZARDOUS WASTE, LIQUID, N.O.S.(PETROLEUM DISTILLATES) 9 NA3082 PGIII (K050) ERG#(171)	1	DM	50	P	K050
d.	RQ HAZARDOUS WASTE LIQUID, N.O.S. (LEAD, BENZENE) 9 NA3082 PGIII (LEAD) ERG#(171)	1	DM	450	P	D008 D018

J. Additional Descriptions for Materials Listed Above
a) 45258-07 - - OILY WATER, SEPARATOR SLUDGE - AF01 AF02 AF03 AF04 INC09 INC13 (4,5) b) 52831-05 - - SULFOLANE WITH BENZENE - AF01 AF02 AF03 AF04 INC09 (6) c) 45257-07 - - HEAT EXCHANGER SLUDGE - AF01 AF02 AF03 AF04 INC13 INC09 (7) d) 92142-03 - - USED KEROSENE - AF01 AF02 AF03 AF04 (8)

K. Handling Codes for Wastes Listed Above
a) b) c) d)

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Core D. Mead | Signature | Month 9 Day 20 Year 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: MICHAEL CHILBERTO FOR PHILIP SERVICES | Signature | Month 09 Day 20 Year 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Regina Palmer | Signature: Regina Palmer | Month 09 Day 27 Year 99

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: W Grondahl for P.S.C. | Signature | Month 10 Day 18 Year 99

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete ORIGINAL-RETURN TO GENERATOR

***FOR 24 HOUR EMERGENCY RESPONSE INFORMATION, CALL (907) 272-9007 ***
(4024) 9A269

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB no. 2050-0039. Expires 9-30-99

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No.: AKD000850701 | Manifest Document No.: NPR38

22. Page 2 of 2 | Information in the shaded areas is not required by Federal law.

23. Generator's Name
WILLIAMS ALASKA PETROLEUM INC
1100 H & H LANE
NORTH POLE AK 99705-0000 (907)488-0033

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 03 Company Name: Crowley Marine Service | 25. US EPA ID Number: WAD008958027

N. State Transporter's ID

O. Transporter's Phone: (907) 563-1114

26. Transporter 04 Company Name: Union Pacific Railroad Co. | 27. US EPA ID Number: NED001792910

P. State Transporter's ID

Q. Transporter's Phone: (314) 622-0123

28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a RQ WASTE PAINT 3 UN1263 II (D001)	1	DM	400	P	D001 ~~D006~~ ~~D008~~ mSL
b.					
c.					
d.					
e.					
f.					
g.					
h.					
i.					

GENERATOR

S. Additional Descriptions for Materials Listed Above
PROFILE 159509-00

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter ___ Acknowledgement of Receipt of Materials
Printed/Typed Name: Regina Palmer | Signature: Regina Palmer for Crowley | Date: Month 9 Day 28 Year 99

34. Transporter ___ Acknowledgement of Receipt of Materials
Printed/Typed Name: W. Grandchamp on behalf of Union Pacific | Signature: W. Grandchamp | Date: Month 10 Day 18 Year 99

FACILITY

35. Discrepancy Indication Space

EPA Form 8700-22A (Rev. 9-88) Previous edition is obsolete ORIGINAL-RETURN TO GENERATOR

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 92144-04 Manifest #: NPR36

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ☒ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** ***(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)***
☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** ***(Complete form UC)***
☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D003 Reactive Sulfides based on 261.23(a)(5)
☐ D003 Reactive Cyanides based on 261.23(a)(5)
☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** ***(Complete form UC)***
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ **D003 Other Reactives based on 261.23(a)(1)** ***(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**	☐ **D011 Silver**		
☐ **D012 Endrin**	☐ **D023 *o*-Cresol**	☐ **D033 Hexachlorobutadiene**	
☐ **D013 Lindane**	☐ **D024 *m*-Cresol**	☐ **D034 Hexachloroethane**	
☐ **D014 Methoxychlor**	☐ **D025 *p*-Cresol**	☐ **D035 Methyl ethyl ketone**	
☐ **D015 Toxaphene**	☐ **D026 Cresols (Total)**	☐ **D036 Nitrobenzene**	
☐ **D016 2,4-D**	☐ **D027 *p*-Dichlorobenzene**	☐ **D037 Pentachlorophenol**	
☐ **D017 2,4,5-TP (Silvex)**	☐ **D028 1,2-Dichloroethane**	☐ **D038 Pyridine**	
☒ **D018 Benzene**	☐ **D029 1,1-Dichloroethylene**	☐ **D039 Tetrachloroethylene**	
☐ **D019 Carbon tetrachloride**	☐ **D030 2,4-Dinitrotoluene**	☐ **D040 Trichloroethylene**	
☐ **D020 Chlordane**	☐ **D031 Heptachlor**	☐ **D041 2,4,5-Trichlorophenol**	
☐ **D021 Chlorobenzene**	☐ **D032 Hexachlorobenzene**	☐ **D042 2,4,6-Trichlorophenol**	
☐ **D022 Chloroform**		☐ **D043 Vinyl chloride**	

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form UC

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD0008850701

Profile #: 92144-04 Manifest #: NPR36

In accordance with 40 CFR 268.7(a), the underlying hazardous constituents must be addressed in this waste. Per 268.2(i), "underlying hazardous constituent" means any constituent listed in 268.48, Table UTS—Universal Treatment Standard which can reasonably be expected to be present at the point of generation of the hazardous waste, at a concentration above the constituent-specific UTS treatment standard. Refer to Form-EZ (attached) for the waste code(s), treatability group, and subcategory applicable to this waste.

In order to address underlying hazardous constituents in characteristic wastes, please check the appropriate box:

☒ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that there are no underlying hazardous constituents reasonably expected to be present in this waste.

☐ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that underlying hazardous constituents are present in this waste. The underlying hazardous constituents are identified as follows:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

The determination of underlying hazardous constituents was based on:

☒ Generator's knowledge of the waste

☐ Analysis

I certify that I personally have examined and am familiar with the waste through analysis and testing, or through knowledge of the waste to support this certification. I certify that as an authorized representative of the generator named above, all the information submitted in this notification is true and correct to the best of my knowledge.

Corey D. Mead _____ 3-2-99

Printed Name Signature Date

Form UC Revised 10/26/98

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 92142-02 Manifest #: NPR36

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ☒ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems**
(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)
☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D003 Reactive Sulfides based on 261.23(a)(5)
☐ D003 Reactive Cyanides based on 261.23(a)(5)
☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ **D003 Other Reactives based on 261.23(a)(1) *(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
☐ **D007 Chromium** ☒ **D008 Lead** ☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**	☐ **D011 Silver**	
☐ **D012 Endrin**	☐ **D023 *o*-Cresol**	☐ **D033 Hexachlorobutadiene**
☐ **D013 Lindane**	☐ **D024 *m*-Cresol**	☐ **D034 Hexachloroethane**
☐ **D014 Methoxychlor**	☐ **D025 *p*-Cresol**	☐ **D035 Methyl ethyl ketone**
☐ **D015 Toxaphene**	☐ **D026 Cresols (Total)**	☐ **D036 Nitrobenzene**
☐ **D016 2,4-D**	☐ **D027 *p*-Dichlorobenzene**	☐ **D037 Pentachlorophenol**
☐ **D017 2,4,5-TP (Silvex)**	☐ **D028 1,2-Dichloroethane**	☐ **D038 Pyridine**
☒ **D018 Benzene**	☐ **D029 1,1-Dichloroethylene**	☐ **D039 Tetrachloroethylene**
☐ **D019 Carbon tetrachloride**	☐ **D030 2,4-Dinitrotoluene**	☐ **D040 Trichloroethylene**
☐ **D020 Chlordane**	☐ **D031 Heptachlor**	☐ **D041 2,4,5-Trichlorophenol**
☐ **D021 Chlorobenzene**	☐ **D032 Hexachlorobenzene**	☐ **D042 2,4,6-Trichlorophenol**
☐ **D022 Chloroform**		☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form UC

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD0008850701

Profile #: 92142-02 Manifest #: NPR36

In accordance with 40 CFR 268.7(a), the underlying hazardous constituents must be addressed in this waste. Per 268.2(i), "underlying hazardous constituent" means any constituent listed in 268.48, Table UTS—Universal Treatment Standard which can reasonably be expected to be present at the point of generation of the hazardous waste, at a concentration above the constituent-specific UTS treatment standard. Refer to Form-EZ (attached) for the waste code(s), treatability group, and subcategory applicable to this waste.

In order to address underlying hazardous constituents in characteristic wastes, please check the appropriate box:

☒ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that there are no underlying hazardous constituents reasonably expected to be present in this waste.

☐ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that underlying hazardous constituents are present in this waste. The underlying hazardous constituents are identified as follows:

The determination of underlying hazardous constituents was based on:

☒ Generator's knowledge of the waste

☐ Analysis

I certify that I personally have examined and am familiar with the waste through analysis and testing, or through knowledge of the waste to support this certification. I certify that as an authorized representative of the generator named above, all the information submitted in this notification is true and correct to the best of my knowledge.

Corey D Mead		3-2-99
Printed Name	Signature	Date

Form UC Revised 10/26/98

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 145851-02 Manifest #: NPR36

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ☒ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** ***(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)***
☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** ***(Complete form UC)***
☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D003 Reactive Sulfides based on 261.23(a)(5)
☐ D003 Reactive Cyanides based on 261.23(a)(5)
☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** ***(Complete form UC)***
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ **D003 Other Reactives based on 261.23(a)(1)** ***(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
☒ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**	☐ **D011 Silver**		
☐ **D012 Endrin**	☐ **D023** *o*-Cresol	☐ **D033 Hexachlorobutadiene**	
☐ **D013 Lindane**	☐ **D024** *m*-Cresol	☐ **D034 Hexachloroethane**	
☐ **D014 Methoxychlor**	☐ **D025** *p*-Cresol	☐ **D035 Methyl ethyl ketone**	
☐ **D015 Toxaphene**	☐ **D026 Cresols (Total)**	☐ **D036 Nitrobenzene**	
☐ **D016 2,4-D**	☐ **D027** *p*-Dichlorobenzene	☐ **D037 Pentachlorophenol**	
☐ **D017 2,4,5-TP (Silvex)**	☐ **D028 1,2-Dichloroethane**	☐ **D038 Pyridine**	
☐ **D018 Benzene**	☐ **D029 1,1-Dichloroethylene**	☐ **D039 Tetrachloroethylene**	
☐ **D019 Carbon tetrachloride**	☐ **D030 2,4-Dinitrotoluene**	☐ **D040 Trichloroethylene**	
☐ **D020 Chlordane**	☐ **D031 Heptachlor**	☐ **D041 2,4,5-Trichlorophenol**	
☐ **D021 Chlorobenzene**	☐ **D032 Hexachlorobenzene**	☐ **D042 2,4,6-Trichlorophenol**	
☐ **D022 Chloroform**		☐ **D043 Vinyl chloride**	

Note: If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form UC

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD0008850701

Profile #: 145851-02 Manifest #: NPR36

In accordance with 40 CFR 268.7(a), the underlying hazardous constituents must be addressed in this waste. Per 268.2(i), "underlying hazardous constituent" means any constituent listed in 268.48, Table UTS—Universal Treatment Standard which can reasonably be expected to be present at the point of generation of the hazardous waste, at a concentration above the constituent-specific UTS treatment standard. Refer to Form-EZ (attached) for the waste code(s), treatability group, and subcategory applicable to this waste.

In order to address underlying hazardous constituents in characteristic wastes, please check the appropriate box:

☒ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that there are no underlying hazardous constituents reasonably expected to be present in this waste.

☐ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that underlying hazardous constituents are present in this waste. The underlying hazardous constituents are identified as follows:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

The determination of underlying hazardous constituents was based on:

☒ Generator's knowledge of the waste

☐ Analysis

I certify that I personally have examined and am familiar with the waste through analysis and testing, or through knowledge of the waste to support this certification. I certify that as an authorized representative of the generator named above, all the information submitted in this notification is true and correct to the best of my knowledge.

Corey D. Mead _____ 3-2-99

Printed Name Signature Date

Form UC Revised 10/26/98

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 52831-05 Manifest #: NPR36

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ☒ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems**
(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)
☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D003 Reactive Sulfides based on 261.23(a)(5)
☐ D003 Reactive Cyanides based on 261.23(a)(5)
☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ **D003 Other Reactives based on 261.23(a)(1) *(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**	☐ **D011 Silver**	
☐ **D012 Endrin**	☐ **D023 *o*-Cresol**	☐ **D033 Hexachlorobutadiene**
☐ **D013 Lindane**	☐ **D024 *m*-Cresol**	☐ **D034 Hexachloroethane**
☐ **D014 Methoxychlor**	☐ **D025 *p*-Cresol**	☐ **D035 Methyl ethyl ketone**
☐ **D015 Toxaphene**	☐ **D026 Cresols (Total)**	☐ **D036 Nitrobenzene**
☐ **D016 2,4-D**	☐ **D027 *p*-Dichlorobenzene**	☐ **D037 Pentachlorophenol**
☐ **D017 2,4,5-TP (Silvex)**	☐ **D028 1,2-Dichloroethane**	☐ **D038 Pyridine**
☒ **D018 Benzene**	☐ **D029 1,1-Dichloroethylene**	☐ **D039 Tetrachloroethylene**
☐ **D019 Carbon tetrachloride**	☐ **D030 2,4-Dinitrotoluene**	☐ **D040 Trichloroethylene**
☐ **D020 Chlordane**	☐ **D031 Heptachlor**	☐ **D041 2,4,5-Trichlorophenol**
☐ **D021 Chlorobenzene**	☐ **D032 Hexachlorobenzene**	☐ **D042 2,4,6-Trichlorophenol**
☐ **D022 Chloroform**		☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form UC

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD0008850701

Profile #: 52831-05 Manifest #: NPR36

In accordance with 40 CFR 268.7(a), the underlying hazardous constituents must be addressed in this waste. Per 268.2(i), "underlying hazardous constituent" means any constituent listed in 268.48, Table UTS—Universal Treatment Standard which can reasonably be expected to be present at the point of generation of the hazardous waste, at a concentration above the constituent-specific UTS treatment standard. Refer to Form-EZ (attached) for the waste code(s), treatability group, and subcategory applicable to this waste.

In order to address underlying hazardous constituents in characteristic wastes, please check the appropriate box:

☒ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that there are no underlying hazardous constituents reasonably expected to be present in this waste.

☐ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that underlying hazardous constituents are present in this waste. The underlying hazardous constituents are identified as follows:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

The determination of underlying hazardous constituents was based on:

☒ Generator's knowledge of the waste

☐ Analysis

I certify that I personally have examined and am familiar with the waste through analysis and testing, or through knowledge of the waste to support this certification. I certify that as an authorized representative of the generator named above, all the information submitted in this notification is true and correct to the best of my knowledge.

Corey D. Mead		3-2-99
Printed Name	Signature	Date

Form UC Revised 10/26/98

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 45258A-01 Manifest #: NPR36

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ☒ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☒ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems**
(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)
☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
☒ D003 Reactive Sulfides based on 261.23(a)(5)
☐ D003 Reactive Cyanides based on 261.23(a)(5)
☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ **D003 Other Reactives based on 261.23(a)(1) *(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**	☐ **D011 Silver**	
☐ **D012 Endrin**	☐ **D023 *o*-Cresol**	☐ **D033 Hexachlorobutadiene**
☐ **D013 Lindane**	☐ **D024 *m*-Cresol**	☐ **D034 Hexachloroethane**
☐ **D014 Methoxychlor**	☐ **D025 *p*-Cresol**	☐ **D035 Methyl ethyl ketone**
☐ **D015 Toxaphene**	☐ **D026 Cresols (Total)**	☐ **D036 Nitrobenzene**
☐ **D016 2,4-D**	☐ **D027 *p*-Dichlorobenzene**	☐ **D037 Pentachlorophenol**
☐ **D017 2,4,5-TP (Silvex)**	☐ **D028 1,2-Dichloroethane**	☐ **D038 Pyridine**
☐ **D018 Benzene**	☐ **D029 1,1-Dichloroethylene**	☐ **D039 Tetrachloroethylene**
☐ **D019 Carbon tetrachloride**	☐ **D030 2,4-Dinitrotoluene**	☐ **D040 Trichloroethylene**
☐ **D020 Chlordane**	☐ **D031 Heptachlor**	☐ **D041 2,4,5-Trichlorophenol**
☐ **D021 Chlorobenzene**	☐ **D032 Hexachlorobenzene**	☐ **D042 2,4,6-Trichlorophenol**
☐ **D022 Chloroform**		☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
F037			

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 45255-05 Manifest #: NPR40

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ■ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems**
(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)
☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D003 Reactive Sulfides based on 261.23(a)(5)
☐ D003 Reactive Cyanides based on 261.23(a)(5)
☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ **D003 Other Reactives based on 261.23(a)(1) *(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
■ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**	☐ **D011 Silver**	
☐ **D012 Endrin**	☐ **D023 *o*-Cresol**	☐ **D033 Hexachlorobutadiene**
☐ **D013 Lindane**	☐ **D024 *m*-Cresol**	☐ **D034 Hexachloroethane**
☐ **D014 Methoxychlor**	☐ **D025 *p*-Cresol**	☐ **D035 Methyl ethyl ketone**
☐ **D015 Toxaphene**	☐ **D026 Cresols (Total)**	☐ **D036 Nitrobenzene**
☐ **D016 2,4-D**	☐ **D027 *p*-Dichlorobenzene**	☐ **D037 Pentachlorophenol**
☐ **D017 2,4,5-TP (Silvex)**	☐ **D028 1,2-Dichloroethane**	☐ **D038 Pyridine**
☐ **D018 Benzene**	☐ **D029 1,1-Dichloroethylene**	☐ **D039 Tetrachloroethylene**
☐ **D019 Carbon tetrachloride**	☐ **D030 2,4-Dinitrotoluene**	☐ **D040 Trichloroethylene**
☐ **D020 Chlordane**	☐ **D031 Heptachlor**	☐ **D041 2,4,5-Trichlorophenol**
☐ **D021 Chlorobenzene**	☐ **D032 Hexachlorobenzene**	☐ **D042 2,4,6-Trichlorophenol**
☐ **D022 Chloroform**		☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 45258A-02 Manifest #: NPR40

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ■ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems**
(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)
☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
■ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D003 Reactive Sulfides based on 261.23(a)(5)
☐ D003 Reactive Cyanides based on 261.23(a)(5)
☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
■ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ **D003 Other Reactives based on 261.23(a)(1) *(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**	☐ **D011 Silver**	
☐ **D012 Endrin**	☐ **D023 *o*-Cresol**	☐ **D033 Hexachlorobutadiene**
☐ **D013 Lindane**	☐ **D024 *m*-Cresol**	☐ **D034 Hexachloroethane**
☐ **D014 Methoxychlor**	☐ **D025 *p*-Cresol**	☐ **D035 Methyl ethyl ketone**
☐ **D015 Toxaphene**	☐ **D026 Cresols (Total)**	☐ **D036 Nitrobenzene**
☐ **D016 2,4-D**	☐ **D027 *p*-Dichlorobenzene**	☐ **D037 Pentachlorophenol**
☐ **D017 2,4,5-TP (Silvex)**	☐ **D028 1,2-Dichloroethane**	☐ **D038 Pyridine**
☐ **D018 Benzene**	☐ **D029 1,1-Dichloroethylene**	☐ **D039 Tetrachloroethylene**
☐ **D019 Carbon tetrachloride**	☐ **D030 2,4-Dinitrotoluene**	☐ **D040 Trichloroethylene**
☐ **D020 Chlordane**	☐ **D031 Heptachlor**	☐ **D041 2,4,5-Trichlorophenol**
☐ **D021 Chlorobenzene**	☐ **D032 Hexachlorobenzene**	☐ **D042 2,4,6-Trichlorophenol**
☐ **D022 Chloroform**		☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
F037			

Form EZ Revised 10/28/98 **This is a two sided form**

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 145851-03 Manifest #: NPR40

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ■ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems**
(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)
☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D003 Reactive Sulfides based on 261.23(a)(5)
☐ D003 Reactive Cyanides based on 261.23(a)(5)
☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ **D003 Other Reactives based on 261.23(a)(1) *(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
■ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**	☐ **D011 Silver**	
☐ **D012 Endrin**	☐ **D023 *o*-Cresol**	☐ **D033 Hexachlorobutadiene**
☐ **D013 Lindane**	☐ **D024 *m*-Cresol**	☐ **D034 Hexachloroethane**
☐ **D014 Methoxychlor**	☐ **D025 *p*-Cresol**	☐ **D035 Methyl ethyl ketone**
☐ **D015 Toxaphene**	☐ **D026 Cresols (Total)**	☐ **D036 Nitrobenzene**
☐ **D016 2,4-D**	☐ **D027 *p*-Dichlorobenzene**	☐ **D037 Pentachlorophenol**
☐ **D017 2,4,5-TP (Silvex)**	☐ **D028 1,2-Dichloroethane**	☐ **D038 Pyridine**
☐ **D018 Benzene**	☐ **D029 1,1-Dichloroethylene**	☐ **D039 Tetrachloroethylene**
☐ **D019 Carbon tetrachloride**	☐ **D030 2,4-Dinitrotoluene**	☐ **D040 Trichloroethylene**
☐ **D020 Chlordane**	☐ **D031 Heptachlor**	☐ **D041 2,4,5-Trichlorophenol**
☐ **D021 Chlorobenzene**	☐ **D032 Hexachlorobenzene**	☐ **D042 2,4,6-Trichlorophenol**
☐ **D022 Chloroform**		☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form UC

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 145851-03 Manifest #: NPR40

In accordance with 40 CFR 268.7(a), the underlying hazardous constituents must be addressed in this waste. Per 268.2(i), "underlying hazardous constituent" means any constituent listed in 268.48, Table UTS—Universal Treatment Standard which can reasonably be expected to be present at the point of generation of the hazardous waste, at a concentration above the constituent-specific UTS treatment standard. Refer to Form-EZ (attached) for the waste code(s), treatability group, and subcategory applicable to this waste.

In order to address underlying hazardous constituents in characteristic wastes, please check the appropriate box:

■ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that there are no underlying hazardous constituents reasonably expected to be present in this waste.

□ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that underlying hazardous constituents are present in this waste. The underlying hazardous constituents are identified as follows:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

The determination of underlying hazardous constituents was based on:

■ Generator's knowledge of the waste

□ Analysis

I certify that I personally have examined and am familiar with the waste through analysis and testing, or through knowledge of the waste to support this certification. I certify that as an authorized representative of the generator named above, all the information submitted in this notification is true and correct to the best of my knowledge.

Corey D. Mead _____ 5-1-00

Printed Name Signature Date

Form UC Revised 10/26/98

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 52831-06 Manifest #: NPR40

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ■ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems**
(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)
☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D003 Reactive Sulfides based on 261.23(a)(5)
☐ D003 Reactive Cyanides based on 261.23(a)(5)
☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ **D003 Other Reactives based on 261.23(a)(1) *(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**	☐ **D011 Silver**	
☐ **D012 Endrin**	☐ **D023 *o*-Cresol**	☐ **D033 Hexachlorobutadiene**
☐ **D013 Lindane**	☐ **D024 *m*-Cresol**	☐ **D034 Hexachloroethane**
☐ **D014 Methoxychlor**	☐ **D025 *p*-Cresol**	☐ **D035 Methyl ethyl ketone**
☐ **D015 Toxaphene**	☐ **D026 Cresols (Total)**	☐ **D036 Nitrobenzene**
☐ **D016 2,4-D**	☐ **D027 *p*-Dichlorobenzene**	☐ **D037 Pentachlorophenol**
☐ **D017 2,4,5-TP (Silvex)**	☐ **D028 1,2-Dichloroethane**	☐ **D038 Pyridine**
■ **D018 Benzene**	☐ **D029 1,1-Dichloroethylene**	☐ **D039 Tetrachloroethylene**
☐ **D019 Carbon tetrachloride**	☐ **D030 2,4-Dinitrotoluene**	☐ **D040 Trichloroethylene**
☐ **D020 Chlordane**	☐ **D031 Heptachlor**	☐ **D041 2,4,5-Trichlorophenol**
☐ **D021 Chlorobenzene**	☐ **D032 Hexachlorobenzene**	☐ **D042 2,4,6-Trichlorophenol**
☐ **D022 Chloroform**		☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form UC

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 52831-06 Manifest #: NPR40

In accordance with 40 CFR 268.7(a), the underlying hazardous constituents must be addressed in this waste. Per 268.2(i), "underlying hazardous constituent" means any constituent listed in 268.48, Table UTS—Universal Treatment Standard which can reasonably be expected to be present at the point of generation of the hazardous waste, at a concentration above the constituent-specific UTS treatment standard. Refer to Form-EZ (attached) for the waste code(s), treatability group, and subcategory applicable to this waste.

In order to address underlying hazardous constituents in characteristic wastes, please check the appropriate box:

■ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that there are no underlying hazardous constituents reasonably expected to be present in this waste.

□ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that underlying hazardous constituents are present in this waste. The underlying hazardous constituents are identified as follows:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

The determination of underlying hazardous constituents was based on:

■ Generator's knowledge of the waste

□ Analysis

I certify that I personally have examined and am familiar with the waste through analysis and testing, or through knowledge of the waste to support this certification. I certify that as an authorized representative of the generator named above, all the information submitted in this notification is true and correct to the best of my knowledge.

Corey D. Mead		5-1-00
Printed Name	Signature	Date

Form UC Revised 10/26/98

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 45257-07 Manifest #: NPR40

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ■ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems**
(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)
☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D003 Reactive Sulfides based on 261.23(a)(5)
☐ D003 Reactive Cyanides based on 261.23(a)(5)
☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ **D003 Other Reactives based on 261.23(a)(1) *(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**	☐ **D011 Silver**	
☐ **D012 Endrin**	☐ **D023 *o*-Cresol**	☐ **D033 Hexachlorobutadiene**
☐ **D013 Lindane**	☐ **D024 *m*-Cresol**	☐ **D034 Hexachloroethane**
☐ **D014 Methoxychlor**	☐ **D025 *p*-Cresol**	☐ **D035 Methyl ethyl ketone**
☐ **D015 Toxaphene**	☐ **D026 Cresols (Total)**	☐ **D036 Nitrobenzene**
☐ **D016 2,4-D**	☐ **D027 *p*-Dichlorobenzene**	☐ **D037 Pentachlorophenol**
☐ **D017 2,4,5-TP (Silvex)**	☐ **D028 1,2-Dichloroethane**	☐ **D038 Pyridine**
☐ **D018 Benzene**	☐ **D029 1,1-Dichloroethylene**	☐ **D039 Tetrachloroethylene**
☐ **D019 Carbon tetrachloride**	☐ **D030 2,4-Dinitrotoluene**	☐ **D040 Trichloroethylene**
☐ **D020 Chlordane**	☐ **D031 Heptachlor**	☐ **D041 2,4,5-Trichlorophenol**
☐ **D021 Chlorobenzene**	☐ **D032 Hexachlorobenzene**	☐ **D042 2,4,6-Trichlorophenol**
☐ **D022 Chloroform**		☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
K050			

Form EZ Revised 10/28/98 **This is a two sided form**

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 144027-02 Manifest #: NPR40

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ■ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems**
(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)
☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D003 Reactive Sulfides based on 261.23(a)(5)
☐ D003 Reactive Cyanides based on 261.23(a)(5)
☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ **D003 Other Reactives based on 261.23(a)(1) *(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ■ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**	☐ **D011 Silver**	
☐ **D012 Endrin**	☐ **D023 *o*-Cresol**	☐ **D033 Hexachlorobutadiene**
☐ **D013 Lindane**	☐ **D024 *m*-Cresol**	☐ **D034 Hexachloroethane**
☐ **D014 Methoxychlor**	☐ **D025 *p*-Cresol**	☐ **D035 Methyl ethyl ketone**
☐ **D015 Toxaphene**	☐ **D026 Cresols (Total)**	☐ **D036 Nitrobenzene**
☐ **D016 2,4-D**	☐ **D027 *p*-Dichlorobenzene**	☐ **D037 Pentachlorophenol**
☐ **D017 2,4,5-TP (Silvex)**	☐ **D028 1,2-Dichloroethane**	☐ **D038 Pyridine**
☐ **D018 Benzene**	☐ **D029 1,1-Dichloroethylene**	☐ **D039 Tetrachloroethylene**
☐ **D019 Carbon tetrachloride**	☐ **D030 2,4-Dinitrotoluene**	☐ **D040 Trichloroethylene**
☐ **D020 Chlordane**	☐ **D031 Heptachlor**	☐ **D041 2,4,5-Trichlorophenol**
☐ **D021 Chlorobenzene**	☐ **D032 Hexachlorobenzene**	☐ **D042 2,4,6-Trichlorophenol**
☐ **D022 Chloroform**		☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form UC

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 144027-02 Manifest #: NPR40

In accordance with 40 CFR 268.7(a), the underlying hazardous constituents must be addressed in this waste. Per 268.2(i), "underlying hazardous constituent" means any constituent listed in 268.48, Table UTS—Universal Treatment Standard which can reasonably be expected to be present at the point of generation of the hazardous waste, at a concentration above the constituent-specific UTS treatment standard. Refer to Form-EZ (attached) for the waste code(s), treatability group, and subcategory applicable to this waste.

In order to address underlying hazardous constituents in characteristic wastes, please check the appropriate box:

■ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that there are no underlying hazardous constituents reasonably expected to be present in this waste.

□ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that underlying hazardous constituents are present in this waste. The underlying hazardous constituents are identified as follows:

The determination of underlying hazardous constituents was based on:

■ Generator's knowledge of the waste

□ Analysis

I certify that I personally have examined and am familiar with the waste through analysis and testing, or through knowledge of the waste to support this certification. I certify that as an authorized representative of the generator named above, all the information submitted in this notification is true and correct to the best of my knowledge.

Corey D. Mead		5-1-00
Printed Name	Signature	Date

Form UC Revised 10/26/98

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 92142-03 Manifest #: NPR40

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ■ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems**
(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)
☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D003 Reactive Sulfides based on 261.23(a)(5)
☐ D003 Reactive Cyanides based on 261.23(a)(5)
☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ **D003 Other Reactives based on 261.23(a)(1) *(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
☐ **D007 Chromium** ■ **D008 Lead** ☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**
☐ **D011 Silver**
☐ **D012 Endrin**
☐ **D013 Lindane**
☐ **D014 Methoxychlor**
☐ **D015 Toxaphene**
☐ **D016 2,4-D**
☐ **D017 2,4,5-TP (Silvex)**
■ **D018 Benzene**
☐ **D019 Carbon tetrachloride**
☐ **D020 Chlordane**
☐ **D021 Chlorobenzene**
☐ **D022 Chloroform**
☐ **D023 *o*-Cresol**
☐ **D024 *m*-Cresol**
☐ **D025 *p*-Cresol**
☐ **D026 Cresols (Total)**
☐ **D027 *p*-Dichlorobenzene**
☐ **D028 1,2-Dichloroethane**
☐ **D029 1,1-Dichloroethylene**
☐ **D030 2,4-Dinitrotoluene**
☐ **D031 Heptachlor**
☐ **D032 Hexachlorobenzene**
☐ **D033 Hexachlorobutadiene**
☐ **D034 Hexachloroethane**
☐ **D035 Methyl ethyl ketone**
☐ **D036 Nitrobenzene**
☐ **D037 Pentachlorophenol**
☐ **D038 Pyridine**
☐ **D039 Tetrachloroethylene**
☐ **D040 Trichloroethylene**
☐ **D041 2,4,5-Trichlorophenol**
☐ **D042 2,4,6-Trichlorophenol**
☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form UC

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 92142-03 Manifest #: NPR40

In accordance with 40 CFR 268.7(a), the underlying hazardous constituents must be addressed in this waste. Per 268.2(i), "underlying hazardous constituent" means any constituent listed in 268.48, Table UTS—Universal Treatment Standard which can reasonably be expected to be present at the point of generation of the hazardous waste, at a concentration above the constituent-specific UTS treatment standard. Refer to Form-EZ (attached) for the waste code(s), treatability group, and subcategory applicable to this waste.

In order to address underlying hazardous constituents in characteristic wastes, please check the appropriate box:

■ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that there are no underlying hazardous constituents reasonably expected to be present in this waste.

□ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that underlying hazardous constituents are present in this waste. The underlying hazardous constituents are identified as follows:

The determination of underlying hazardous constituents was based on:

■ Generator's knowledge of the waste

□ Analysis

I certify that I personally have examined and am familiar with the waste through analysis and testing, or through knowledge of the waste to support this certification. I certify that as an authorized representative of the generator named above, all the information submitted in this notification is true and correct to the best of my knowledge.

Corey D. Mead		5-1-00
Printed Name	Signature	Date

Form UC Revised 10/26/98

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: Williams Alaska Petroleum, Inc. U.S. EPA I.D. #: AKD000850701

Profile #: 149366-01 Manifest #: NPR40

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ■ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems**
(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)
☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D003 Reactive Sulfides based on 261.23(a)(5)
☐ D003 Reactive Cyanides based on 261.23(a)(5)
☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ **D003 Other Reactives based on 261.23(a)(1) *(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**	☐ **D011 Silver**	
☐ **D012 Endrin**	☐ **D023 *o*-Cresol**	☐ **D033 Hexachlorobutadiene**
☐ **D013 Lindane**	☐ **D024 *m*-Cresol**	☐ **D034 Hexachloroethane**
☐ **D014 Methoxychlor**	☐ **D025 *p*-Cresol**	☐ **D035 Methyl ethyl ketone**
☐ **D015 Toxaphene**	☐ **D026 Cresols (Total)**	☐ **D036 Nitrobenzene**
☐ **D016 2,4-D**	☐ **D027 *p*-Dichlorobenzene**	☐ **D037 Pentachlorophenol**
☐ **D017 2,4,5-TP (Silvex)**	☐ **D028 1,2-Dichloroethane**	☐ **D038 Pyridine**
☐ **D018 Benzene**	☐ **D029 1,1-Dichloroethylene**	☐ **D039 Tetrachloroethylene**
☐ **D019 Carbon tetrachloride**	☐ **D030 2,4-Dinitrotoluene**	☐ **D040 Trichloroethylene**
☐ **D020 Chlordane**	☐ **D031 Heptachlor**	☐ **D041 2,4,5-Trichlorophenol**
☐ **D021 Chlorobenzene**	☐ **D032 Hexachlorobenzene**	☐ **D042 2,4,6-Trichlorophenol**
☐ **D022 Chloroform**		☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
K050			

Form EZ Revised 10/28/98 **This is a two sided form**

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: Williams Alaska Petroleum Inc — U.S. EPA I.D. #: AKD000850701

Profile #: 159509-00 — Manifest #: NPR38

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ■ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

- ☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** *(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)*
- ☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
- ■ D001 High TOC Ignitable (greater than 10% total organic carbon)
- ☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** *(Complete form UC)*
- ☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
- ☐ D003 Reactive Sulfides based on 261.23(a)(5)
- ☐ D003 Reactive Cyanides based on 261.23(a)(5)
- ☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** *(Complete form UC)*
- ☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
- ☐ **D003 Other Reactives based on 261.23(a)(1)** *(Complete form UC)*

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

- ☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
- ☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
- ☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
- ☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
- ☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**
- ☐ **D010 Selenium** ☐ **D011 Silver**
- ☐ **D012 Endrin** ☐ **D023** *o*-**Cresol** ☐ **D033 Hexachlorobutadiene**
- ☐ **D013 Lindane** ☐ **D024** *m*-**Cresol** ☐ **D034 Hexachloroethane**
- ☐ **D014 Methoxychlor** ☐ **D025** *p*-**Cresol** ☐ **D035 Methyl ethyl ketone**
- ☐ **D015 Toxaphene** ☐ **D026 Cresols (Total)** ☐ **D036 Nitrobenzene**
- ☐ **D016 2,4-D** ☐ **D027** *p*-**Dichlorobenzene** ☐ **D037 Pentachlorophenol**
- ☐ **D017 2,4,5-TP (Silvex)** ☐ **D028 1,2-Dichloroethane** ☐ **D038 Pyridine**
- ☐ **D018 Benzene** ☐ **D029 1,1-Dichloroethylene** ☐ **D039 Tetrachloroethylene**
- ☐ **D019 Carbon tetrachloride** ☐ **D030 2,4-Dinitrotoluene** ☐ **D040 Trichloroethylene**
- ☐ **D020 Chlordane** ☐ **D031 Heptachlor** ☐ **D041 2,4,5-Trichlorophenol**
- ☐ **D021 Chlorobenzene** ☐ **D032 Hexachlorobenzene** ☐ **D042 2,4,6-Trichlorophenol**
- ☐ **D022 Chloroform** ☐ **D043 Vinyl chloride**

Note: If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.

In addition, the following wastes are included in this shipment:

- ☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)

Form EZ Revised 10/28/98 **This is a two sided form**

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: WILLIAMS ALASKA PETROLEUM INC — U.S. EPA I.D. #: AKD000850701

Profile #: 45258-07 — Manifest #: NPR38

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ■ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

- ☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** ***(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)***
- ☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
- ■ D001 High TOC Ignitable (greater than 10% total organic carbon)
- ☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** ***(Complete form UC)***
- ☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
- ☐ D003 Reactive Sulfides based on 261.23(a)(5)
- ☐ D003 Reactive Cyanides based on 261.23(a)(5)
- ☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** ***(Complete form UC)***
- ☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
- ☐ **D003 Other Reactives based on 261.23(a)(1)** ***(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

- ☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
- ☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
- ☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
- ☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
- ☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**
- ☐ **D010 Selenium** ☐ **D011 Silver**

☐ **D012 Endrin**	☐ **D023 *o*-Cresol**	☐ **D033 Hexachlorobutadiene**
☐ **D013 Lindane**	☐ **D024 *m*-Cresol**	☐ **D034 Hexachloroethane**
☐ **D014 Methoxychlor**	☐ **D025 *p*-Cresol**	☐ **D035 Methyl ethyl ketone**
☐ **D015 Toxaphene**	☐ **D026 Cresols (Total)**	☐ **D036 Nitrobenzene**
☐ **D016 2,4-D**	☐ **D027 *p*-Dichlorobenzene**	☐ **D037 Pentachlorophenol**
☐ **D017 2,4,5-TP (Silvex)**	☐ **D028 1,2-Dichloroethane**	☐ **D038 Pyridine**
☐ **D018 Benzene**	☐ **D029 1,1-Dichloroethylene**	☐ **D039 Tetrachloroethylene**
☐ **D019 Carbon tetrachloride**	☐ **D030 2,4-Dinitrotoluene**	☐ **D040 Trichloroethylene**
☐ **D020 Chlordane**	☐ **D031 Heptachlor**	☐ **D041 2,4,5-Trichlorophenol**
☐ **D021 Chlorobenzene**	☐ **D032 Hexachlorobenzene**	☐ **D042 2,4,6-Trichlorophenol**
☐ **D022 Chloroform**		☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
F037			

Form EZ Revised 10/28/98 **This is a two sided form**

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: WILLIAMS ALASKA PETROLEUM INC | U.S. EPA I.D. #: AKD000850701

Profile #: 52831-05 | Manifest #: NPR38

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ■ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems**
(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)
☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ D003 Reactive Sulfides based on 261.23(a)(5)
☐ D003 Reactive Cyanides based on 261.23(a)(5)
☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
☐ **D003 Other Reactives based on 261.23(a)(1) *(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**	☐ **D011 Silver**	
☐ **D012 Endrin**	☐ **D023 *o*-Cresol**	☐ **D033 Hexachlorobutadiene**
☐ **D013 Lindane**	☐ **D024 *m*-Cresol**	☐ **D034 Hexachloroethane**
☐ **D014 Methoxychlor**	☐ **D025 *p*-Cresol**	☐ **D035 Methyl ethyl ketone**
☐ **D015 Toxaphene**	☐ **D026 Cresols (Total)**	☐ **D036 Nitrobenzene**
☐ **D016 2,4-D**	☐ **D027 *p*-Dichlorobenzene**	☐ **D037 Pentachlorophenol**
☐ **D017 2,4,5-TP (Silvex)**	☐ **D028 1,2-Dichloroethane**	☐ **D038 Pyridine**
■ **D018 Benzene**	☐ **D029 1,1-Dichloroethylene**	☐ **D039 Tetrachloroethylene**
☐ **D019 Carbon tetrachloride**	☐ **D030 2,4-Dinitrotoluene**	☐ **D040 Trichloroethylene**
☐ **D020 Chlordane**	☐ **D031 Heptachlor**	☐ **D041 2,4,5-Trichlorophenol**
☐ **D021 Chlorobenzene**	☐ **D032 Hexachlorobenzene**	☐ **D042 2,4,6-Trichlorophenol**
☐ **D022 Chloroform**		☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form UC

Generator: WILLIAMS ALASKA PETROLEUM INC U.S. EPA I.D. #: AKD000850701

Profile #: 52831-05 Manifest #: NPR38

In accordance with 40 CFR 268.7(a), the underlying hazardous constituents must be addressed in this waste. Per 268.2(i), "underlying hazardous constituent" means any constituent listed in 268.48, Table UTS—Universal Treatment Standard which can reasonably be expected to be present at the point of generation of the hazardous waste, at a concentration above the constituent-specific UTS treatment standard. Refer to Form-EZ (attached) for the waste code(s), treatability group, and subcategory applicable to this waste.

In order to address underlying hazardous constituents in characteristic wastes, please check the appropriate box:

■ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that there are no underlying hazardous constituents reasonably expected to be present in this waste.

□ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that underlying hazardous constituents are present in this waste. The underlying hazardous constituents are identified as follows:

The determination of underlying hazardous constituents was based on:

■ Generator's knowledge of the waste

□ Analysis

I certify that I personally have examined and am familiar with the waste through analysis and testing, or through knowledge of the waste to support this certification. I certify that as an authorized representative of the generator named above, all the information submitted in this notification is true and correct to the best of my knowledge.

Corey D Mead		9-20-99
Printed Name	Signature	Date

Form UC Revised 10/26/98

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: WILLIAMS ALASKA PETROLEUM INC — U.S. EPA I.D. #: AKD000850701

Profile #: 45257-07 — Manifest #: NPR38

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ■ Nonwastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

- ☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** ***(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)***
- ☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems
- ☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
- ☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** ***(Complete form UC)***
- ☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems
- ☐ D003 Reactive Sulfides based on 261.23(a)(5)
- ☐ D003 Reactive Cyanides based on 261.23(a)(5)
- ☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems** ***(Complete form UC)***
- ☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems
- ☐ **D003 Other Reactives based on 261.23(a)(1)** ***(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

- ☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries
- ☐ **D007 Chromium** ☐ **D008 Lead** ☐ D008 Lead acid batteries
- ☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC
- ☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue
- ☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**
- ☐ **D010 Selenium** ☐ **D011 Silver**
- ☐ **D012 Endrin** ☐ **D023 *o*-Cresol** ☐ **D033 Hexachlorobutadiene**
- ☐ **D013 Lindane** ☐ **D024 *m*-Cresol** ☐ **D034 Hexachloroethane**
- ☐ **D014 Methoxychlor** ☐ **D025 *p*-Cresol** ☐ **D035 Methyl ethyl ketone**
- ☐ **D015 Toxaphene** ☐ **D026 Cresols (Total)** ☐ **D036 Nitrobenzene**
- ☐ **D016 2,4-D** ☐ **D027 *p*-Dichlorobenzene** ☐ **D037 Pentachlorophenol**
- ☐ **D017 2,4,5-TP (Silvex)** ☐ **D028 1,2-Dichloroethane** ☐ **D038 Pyridine**
- ☐ **D018 Benzene** ☐ **D029 1,1-Dichloroethylene** ☐ **D039 Tetrachloroethylene**
- ☐ **D019 Carbon tetrachloride** ☐ **D030 2,4-Dinitrotoluene** ☐ **D040 Trichloroethylene**
- ☐ **D020 Chlordane** ☐ **D031 Heptachlor** ☐ **D041 2,4,5-Trichlorophenol**
- ☐ **D021 Chlorobenzene** ☐ **D032 Hexachlorobenzene** ☐ **D042 2,4,6-Trichlorophenol**
- ☐ **D022 Chloroform** ☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

- ☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
K050			

Form EZ Revised 10/28/98 **This is a two sided form**

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form EZ

Generator: WILLIAMS ALASKA PETROLEUM INC

U.S. EPA I.D. #: AKD000850701

Profile #: 92142-03

Manifest #: NPR38

The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), the required information applicable to each waste is identified below (check all boxes that apply):

Treatability Group: ☐ Wastewater ■ Nonwastewater

(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

☐ **D001 Ignitable (except for High TOC) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems**
(Complete form UC, unless D001 is the only "D" code and the waste is to be combusted or recovered.)

☐ D001 Ignitable (except for High TOC) managed in CWA/ CWA-equivalent/Class I SDWA systems

☐ D001 High TOC Ignitable (greater than 10% total organic carbon)

☐ **D002 Corrosive managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***

☐ D002 Corrosive managed in CWA/ CWA-equivalent/Class I SDWA systems

☐ D003 Reactive Sulfides based on 261.23(a)(5)

☐ D003 Reactive Cyanides based on 261.23(a)(5)

☐ **D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in non-CWA/non-CWA-equivalent/non Class I SDWA systems *(Complete form UC)***

☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) managed in CWA/ CWA-equivalent/Class I SDWA systems

☐ **D003 Other Reactives based on 261.23(a)(1) *(Complete form UC)***

If D004-43 boxes are checked, complete and attach Form UC to address underlying hazardous constituents (unless these wastes are to be managed in CWA/CWA-equivalent/Class I SDWA systems):

☐ **D004 Arsenic** ☐ **D005 Barium** ☐ **D006 Cadmium** ☐ D006 Cadmium-containing batteries

☐ **D007 Chromium** ■ **D008 Lead** ☐ D008 Lead acid batteries

☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC

☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue

☐ **D009 Low-mercury (<260 mg/kg total)** ☐ **D009 All D009 wastewaters**

☐ **D010 Selenium**
☐ **D011 Silver**
☐ **D012 Endrin**
☐ **D013 Lindane**
☐ **D014 Methoxychlor**
☐ **D015 Toxaphene**
☐ **D016 2,4-D**
☐ **D017 2,4,5-TP (Silvex)**
■ **D018 Benzene**
☐ **D019 Carbon tetrachloride**
☐ **D020 Chlordane**
☐ **D021 Chlorobenzene**
☐ **D022 Chloroform**
☐ **D023 *o*-Cresol**
☐ **D024 *m*-Cresol**
☐ **D025 *p*-Cresol**
☐ **D026 Cresols (Total)**
☐ **D027 *p*-Dichlorobenzene**
☐ **D028 1,2-Dichloroethane**
☐ **D029 1,1-Dichloroethylene**
☐ **D030 2,4-Dinitrotoluene**
☐ **D031 Heptachlor**
☐ **D032 Hexachlorobenzene**
☐ **D033 Hexachlorobutadiene**
☐ **D034 Hexachloroethane**
☐ **D035 Methyl ethyl ketone**
☐ **D036 Nitrobenzene**
☐ **D037 Pentachlorophenol**
☐ **D038 Pyridine**
☐ **D039 Tetrachloroethylene**
☐ **D040 Trichloroethylene**
☐ **D041 2,4,5-Trichlorophenol**
☐ **D042 2,4,6-Trichlorophenol**
☐ **D043 Vinyl chloride**

Note: **If any bolded entries are checked, form UC must be completed to address underlying hazardous constituents, unless the material is treated in a Clean Water Act (CWA) treatment process or unless otherwise noted above.**

In addition, the following wastes are included in this shipment:

☐ F001-F005 spent solvents. *(If this box is checked, complete the F001-F005 section on the back of this form. Check the hazardous waste number(s) that applies, and identify the constituents likely to be present in the waste.)*

If this shipment carries additional waste codes that are not addressed above, identify them here:

EPA Waste Code	Subcategory (if applicable)	EPA Waste Code	Subcategory (if applicable)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

F001-F005 Spent Solvents

Check the box(es) that applies; identify the individual constituents likely to be present.

Hazardous waste description	Regulated hazardous constituents	
☐ F001 Spent halogenated solvents used in degreasing	Carbon tetrachloride Tetrachloroethylene Trichloroethylene Trichloromonofluoromethane	Methylene chloride 1,1,1-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F002 Spent halogenated solvents	Chlorobenzene Methylene chloride 1,1,1-Trichloroethane Trichloroethylene Trichloromonofluoromethane	*o*-Dichlorobenzene Tetrachloroethylene 1,1,2-Trichloroethane 1,1,2-Trichloro-1,2,2-trifluoroethane
☐ F003 Spent non-halogenated solvents	Acetone Cyclohexanone* Ethyl benzene Methanol* Xylenes (total)	*n*-Butyl alcohol Ethyl acetate Ethyl ether Methyl isobutyl ketone
☐ F004 Spent non-halogenated solvents	*m*-Cresol *p*-Cresol Nitrobenzene	*o*-Cresol Cresol-mixed isomers (cresylic acid)
☐ F005 Spent non-halogenated solvents	Benzene 2-Ethoxyethanol Methyl ethyl ketone Pyridine	Carbon disulfide* Isobutyl alcohol 2-Nitropropane Toluene

**The treatment standards for carbon disulfide, cyclohexanone, and methanol nonwastewaters are based on the TCLP and apply to spent solvent nonwastewaters containing only one, two, or all three of these constituents. The treatment standards for these three constituents do not apply when any of the other F001-F005 constituents are present in the waste.*

Hazardous Debris

☐ This shipment contains hazardous debris that will be treated to comply with the alternative treatment standards of 268.45 (e.g., macroencapsulation or abrasive blasting).

(The definitions of "debris" and "hazardous debris" are in 40 CFR 268.2. Per 268.45, hazardous debris must be treated for each "contaminant subject to treatment." To determine these, look up the waste code in 268.40 and list the regulated hazardous constituents for each code.)

The contaminants subject to treatment for this debris are identified below:

EPA Waste Code	Subcategory	Contaminants subject to treatment	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Burlington Environmental Inc.,
a wholly owned subsidiary of PHILIP SERVICES CORP.,
RCRA Land Disposal Restriction Notification Form UC

Generator: WILLIAMS ALASKA PETROLEUM INC U.S. EPA I.D. #: AKD000850701

Profile #: 92142-03 Manifest #: NPR38

In accordance with 40 CFR 268.7(a), the underlying hazardous constituents must be addressed in this waste. Per 268.2(i), "underlying hazardous constituent" means any constituent listed in 268.48, Table UTS—Universal Treatment Standard which can reasonably be expected to be present at the point of generation of the hazardous waste, at a concentration above the constituent-specific UTS treatment standard. Refer to Form-EZ (attached) for the waste code(s), treatability group, and subcategory applicable to this waste.

In order to address underlying hazardous constituents in characteristic wastes, please check the appropriate box:

■ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that there are no underlying hazardous constituents reasonably expected to be present in this waste.

□ I have reviewed the UTS list of 268.48, and per 268.7(a), I have determined that underlying hazardous constituents are present in this waste. The underlying hazardous constituents are identified as follows:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

The determination of underlying hazardous constituents was based on:

■ Generator's knowledge of the waste

□ Analysis

I certify that I personally have examined and am familiar with the waste through analysis and testing, or through knowledge of the waste to support this certification. I certify that as an authorized representative of the generator named above, all the information submitted in this notification is true and correct to the best of my knowledge.

Corey D Mead — Printed Name

C D Mead — Signature

9-20-99 — Date

Form UC Revised 10/26/98

ARP 0981

***FOR 24 HOUR EMERGENCY RESPONSE INFORMATION, CALL (907) 272-9007 ***

(4024) 00A117 04/28/00

WR 50055

Please print or type (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB no. 2050-0039. Expires 9-30-90

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: AKD000850701 | Manifest Document No: NPR40

2. Page 1 of 2 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
WILLIAMS ALASKA PETROLEUM INC
1100 H & H LANE

4. Generator's Phone NORTH POLE AK 99705-0000 (907)488-0033

A. State Manifest Document Number

B. State Generator's ID

5. Transporter 1 Company Name: Burlington Environmental, Inc.
6. US EPA ID Number: AKD983068602
C. State Transporter's ID
D. Transporter's Phone (907)272-9007

7. Transporter 2 Company Name: Alaska Railroad Corporation
8. US EPA ID Number: AKD981767403
E. State Transporter's ID
F. Transporter's Phone (907)265-2476

9. Designated Facility Name and Site Address
BURLINGTON ENVIRONMENTAL INC.
734 South Lucile Street
Seattle , WA 98108
10. US EPA ID Number: WAD000812909
G. State Facility's ID
H. Facility's Phone (206) 762-3362

GENERATOR

	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	HM	12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	HAZARDOUS WASTE, SOLID, N.O.S. (D009) 9 NA3077 PGIII ERG#(171)	RQ	1	DM	15	P	D009
b.	WASTE FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES, BENZENE) 3 UN1993 PGII ERG#(128)	RQ	9	DM	5400	P	D001 D003 F037
c.	WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (MERCURY) 9 UN3077 PGIII ERG#(171)	RQ	1	DM	530	P	D009
d.	HAZARDOUS WASTE LIQUID, N.O.S. (SULFOLANE, BENZENE) 9 NA3082 PGIII ERG#(171)	RQ	2	DM	800	P	D018

J. Additional Descriptions for Materials Listed Above
a) 45255-05 - - MERCURY WITH CLEAN UP MATERIAL - REC14 (3) b) 45258A-02 - - OILY WATER, SEPARATOR SLUDGE (REGULATED SULFIDES) - INC13 INC09 (4) c) 145851-03 - - FLUORESCENT LIGHT TUBES - STAB04 STAB05 (6) d) 52831-06 - - SULFOLANE WITH BENZENE - AF01 AF02 AF03 AF04 INC09 (7)

K. Handling Codes for Wastes Listed Above
a) b) c) d)

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Corey D. Mead		5	1	00

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Richard Hennagin		5	1	00

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Regina Palmer		05	04	00

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Rick Gilbert		05	30	00

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete

ORIGINAL - RETURN TO GENERATOR

***FOR 24 HOUR EMERGENCY RESPONSE INFORMATION, CALL (907) 272-9007 ***

(4024 00A117

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB no. 2050-0039. Expires 9-30-99

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No. AKD009850701 | Manifest Document No. NPR40

22. Page 2 of 2 | Information in the shaded areas is not required by Federal law.

23. Generator's Name

WILLIAMS ALASKA PETROLEUM INC
1100 H & H LANE
NORTH POLE AK 99705-0000 (907)488-4011

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 03 Company Name: Crowley Marine Service | 25. US EPA ID Number: WAD009458622

N. State Transporter's ID

O. Transporter's Phone (206) 340-2901

26. Transporter 04 Company Name: Union Pacific Railroad Co | 27. US EPA ID Number: NEX000702910

P. State Transporter's ID

Q. Transporter's Phone (800) 925-6989

	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	HAZARDOUS WASTE, LIQUID, N.O.S. (PETROLEUM DISTILLATES) + NA3065 PGIII (E050) ERG#128	RQ	26	DM	13000	P	E050
b.	HAZARDOUS WASTE, SOLID, N.O.S. (D006) 9 NA3077 PGIII ERG#171	RQ	1	DM	250	P	D006
c.	HAZARDOUS WASTE LIQUID, N.O.S. (LEAD, BENZENE) + NA3082 PGIII ERG#171	RQ	1	DM	450	P	D008 D018
d.	HAZARDOUS WASTE, SOLID, N.O.S. (PETROLEUM DISTILLATES) + NA3077 PGIII (E050) ERG#171	RQ	9	DM	2700	P	E050
e.							
f.							
g.							
h.							
i.							

S. Additional Descriptions for Materials Listed Above

a) 45257-07 - - HEAT EXCHANGER SLUDGE - AF01 AF02 AF03 AF04 INC13 INC09 (8) b) 144027-02 - - SAND BLAST MEDIA - STAB07 (9) c) 92142-03 - - USED KEROSENE - AF01 AF02 AF03 AF04 (10) d) 149366-01 - - PPE CONTAMINATED WITH HEAT EXCHANGER SLUDGE - INC13 INC16 (11)

T. Handling Codes for Wastes Listed Above

a) b) c) d)

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date (Month Day Year)

34. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date (Month Day Year)

FACILITY

35. Discrepancy Indication Space

EPA Form 8700-22A (Rev. 9-88) Previous edition is obsolete

GENERATOR COPY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB no. 2050-0039. Expires 9-30-99

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No.

2. Page 1 of | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

4. Generator's Phone

A. State Manifest Document Number

B. State Generator's ID

5. Transporter 1 Company Name | 6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone (907) 272-9007

7. Transporter 2 Company Name | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone (907) 265-2476

9. Designated Facility Name and Site Address | 10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone (206) 762-3362

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	HM	12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.		1		15		
b.		9		5400		D001 D003 F037
c.		1		530		D009
d.		2		800		

J. Additional Descriptions for Materials Listed Above

a) 45255-05 - - MERCURY WITH CLEAN UP MATERIAL - REC14 (3) b) 45258A-07 - - OILY WATER, SEPARATOR SLUDGE (REGULATED SULFIDES) - INC13 INC09 (4) c) 145851-03 - - FLUORESCENT LIGHT TUBES - STAB04 STAB05 (6) d) 52631-06 - - SULFOLANE WITH BENZENE - AF01 AF02 AF03 AF04 INC09 (7)

K. Handling Codes for Wastes Listed Above

a) b) c) d)

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.

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GENERATOR

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Richard Hennagin		5	1	00

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete

GENERATOR COPY

Date: 07/29/99 CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

This is to certify that the following waste material was received, managed, and treated in compliance with all applicable Federal and Washington State Laws and regulations.

Facility: BURLINGTON ENVIRONMENTAL INC. 734 SOUTH LUCILE STREET
GEORGETOWN FACILITY SEATTLE WA 98108
EPA ID: WAD000812909

Generator: 4024 - WILLIAMS ALASKA PETROLEUM INC EPA ID: AKD000850701

Manifest: NPR36-99 Waste Receipt #: GTW-46605 Date Received: 04/08/99

Line	Profile	Material Description	Treatment/Disposal Description	Final Treatment/ Disposal Facility	Final PSC Manifest	PgLn	Final Date/ Date Shipped
1A	92144-04	HAZARDOUS WASTE SOLID, N.O.S. (BENZENE)	M043 INCINERATION - SOLIDS	WASTE TECHNOLOGIES INDUSTRIES	24991-GTW	1A	05/26/99
1D	92142-02	HAZARDOUS WASTE LIQUID, N.O.S. (LEAD, BENZENE)	M061 FUEL BLENDING	ASH GROVE CEMENT	24972-GTW	1A	05/10/99
2A	45258A-01	WASTE FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES, BENZENE)	M041 INCINERATION - LIQUIDS	ENSCO	24939-GTW	2B	04/22/99
				ENSCO	24954-GTW	1A	04/26/99
2B	145851-02	WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (MERCURY)	M111 STABILIZATION/CHEMICAL FIXATION/CEMENT	COLUMBIA RIDGE LANDFILL	14692-KNT	1A	05/30/99
2C	52831-05	HAZARDOUS WASTE LIQUID, N.O.S. (SULFOLANE, BENZENE)	M061 FUEL BLENDING	ASH GROVE CEMENT	24972-GTW	1A	05/10/99

Name: Michelle Wood Signature : Michelle Wood Title : Waste Tracking Specialist

99A042 02/22/99

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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. AKD000850701 | Manifest Document No. NPR36 | 2 Page 1 of 2 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
WILLIAMS ALASKA PETROLEUM INC
1100 H & H LANE
4. Generator's Phone NORTH POLE AK 99705-0000 (907)488-0033

A. State Manifest Document Number
B. State Generator's ID
C. State Transporter's ID
D. Transporter's Phone (907)272-9007
E. State Transporter's ID
F. Transporter's Phone (907)265-2476
G. State Facility's ID
H. Facility's Phone (206) 762-3362

5. Transporter 1 Company Name: Burlington Environmental, Inc. | 6. US EPA ID Number: AKD983068602
7. Transporter 2 Company Name: Alaska Railroad Corporation | 8. US EPA ID Number: AKD981767403
9. Designated Facility Name and Site Address: BURLINGTON ENVIRONMENTAL INC.
734 South Lucile Street
Seattle, WA 98108 | 10. US EPA ID Number: WAD000812909

	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	RQ HAZARDOUS WASTE SOLID, N.O.S. (BENZENE) 9 NA3077 PGIII ERG#(171)	2	~~CF~~ ~~DM~~	800	P	D018
b.	~~RQ WASTE PAINT RELATED MATERIAL, 3 UN1263 PGII (D001) ERG#(127)~~		~~DM~~		~~P~~	~~D001 F003 F005~~
c.	~~RQ WASTE PAINT 3 UN1263 PGII (D001) ERG#(127)~~		~~DM~~		~~P~~	~~D001~~
d.	RQ HAZARDOUS WASTE LIQUID, N.O.S. (LEAD, BENZENE) 9 NA3082 PGIII ERG#(171)	1	DM	400	P	D008 D018

J. Additional Descriptions for Materials Listed Above
~~a) 92144-04 - - USED PETROLEUM COALESCING FILTERS - INC13 INC16 (1) b) 95287-05 - - USED PAINT THINNER - AF01 AF02 AF03 AF04 (3) c) 159509-00 - - WASTE PAINT - AF01 AF02 AF03 AF04 (4) d) 92142-02 - - USED KEROSENE - AF01 AF02 AF03 AF04 (5)~~

K. Handling Codes for Wastes Listed Above
a) b) c) d)

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.
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GENERATOR — Printed/Typed Name: Corey D. Mead | Signature | Month 2 Day 3 Year 99

TRANSPORTER
17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: MICHAEL CHUBERTO ON BEHALF OF PHILLIPS SERVICE | Signature | Month 2 Day 10 Year 99
18. Transporter 2 Acknowledgement of Receipt of Materials — Printed/Typed Name: Regina Palmer | Signature | Month 3 Day 12 Year 99

FACILITY
19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Kathy Baldwin | Signature | Month 04 Day 08 Year 99

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.

TSDF COPY

Form Approved. OMB no. 2050-0039. Expires 9-30-99

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No.: AKD000850701 | Manifest Document No.: NPR36

22. Page 2 of 2 | Information in the shaded areas is not required by Federal law.

23. Generator's Name
WILLIAMS ALASKA PETROLEUM INC
1100 H & H LANE
NORTH POLE AK 99705-0000 (907)488-0033

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 03 Company Name: Crowley Marine Service | 25. US EPA ID Number: WAD008958027

N. State Transporter's ID

O. Transporter's Phone: (907) 563-1114

26. Transporter 04 Company Name: Union Pacific Railroad Co. | 27. US EPA ID Number: NED001792910

P. State Transporter's ID

Q. Transporter's Phone: (314) 622-0123

28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	29. Containers No.	29. Containers Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a. RQ WASTE FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES, BENZENE) 3 UN1993 PGII ERG#(128)		12	DM	4800	P	D001 D003 F037
b. RQ WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (MERCURY) 9 UN3077 PGIII ERG#(171)		1	DM	600	P	D009 [illegible] WSDWA
c. RQ HAZARDOUS WASTE LIQUID, N.O.S. (SULFOLANE, BENZENE) 9 NA3082 PGIII ERG#(171)		1	DM	70	P	D018
d.						
e.						
f.						
g.						
h.						
i.						

S. Additional Descriptions for Materials Listed Above
a) 45258A-01 - - OILY WATER, SEPARATOR SLUDGE (REGULATED SULFIDES) - INC13 (6) b) 45851-02 - - FLUORESCENT LIGHT TUBES - STAB04 STAB05 (8) c) 52831-05 - - SULFOLANE WITH BENZENE - AF01 AF02 AF03 AF04 INC09 (9)

T. Handling Codes for Wastes Listed Above
a) b) c)

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name: Ryan Adams | Signature | Date: Month 02 Day 24 Year 99

34. Transporter 14 Acknowledgement of Receipt of Materials

Printed/Typed Name: On behalf of Union Pacific Cathy Baldwin | Signature: Cathy Baldwin | Date: Month 04 Day 08 Year 99

35. Discrepancy Indication Space

TSDF COPY

EPA Form 8700-22A (Rev. 9-88) Previous edition is obsolete

DM 522681

***FOR 24 HOUR EMERGENCY RESPONSE INFORMATION, CALL (907) 272-9007 ***

(4024) 99A042 02/22/99

Please print or type (Form designed for use on elite (12-pitch) typewriter) 46625 Form Approved. OMB no. 2050-0039. Expires 9-30-99

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No: AKD000850701 | Manifest Document No: NPR36

2 Page 1 of 2 | Information in the shaded areas is not required by Federal law

3 Generator's Name and Mailing Address
WILLIAMS ALASKA PETROLEUM INC
1100 H & H LANE
NORTH POLE AK 99705-0000

4 Generator's Phone (907)488-0033

A. State Manifest Document Number

B. State Generator's ID

5 Transporter 1 Company Name: Burlington Environmental, Inc.
6 US EPA ID Number: AKD983068602

C. State Transporter's ID

D. Transporter's Phone (907)272-9007

7 Transporter 2 Company Name: Alaska Railroad Corporation
8 US EPA ID Number: AKD981767403

E. State Transporter's ID

F. Transporter's Phone (907)265-2476

9 Designated Facility Name and Site Address
BURLINGTON ENVIRONMENTAL INC.
734 South Lucile Street
Seattle , WA 98108

10 US EPA ID Number: WAD000812909

G. State Facility's ID

H. Facility's Phone (206) 762-3362

	11 US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12 Containers No	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a	HM RQ HAZARDOUS WASTE SOLID, N.O.S. (BENZENE) 9 NA3077 PGIII ERG#(171)	2	CF ~~DM~~	800	P	D018
b	~~RQ WASTE PAINT RELATED MATERIAL 3 UN1263 PGII (D001) ERG#(127~~		~~DM~~		~~P~~	~~D001 F003 F005~~
c	~~RQ WASTE PAINT 3 UN1263 PGII (D001) ERG#(127)~~		~~DM~~		~~P~~	~~D001~~
d	RQ HAZARDOUS WASTE LIQUID, N.O.S. (LEAD, BENZENE) 9 NA3082 PGIII ERG#(171)	1	DM	400	P	D008 D018

J. Additional Descriptions for Materials Listed Above

a) 92144-04 - - USED PETROLEUM COALESCING FILTERS - INC13 INC16 (1) ~~b) 45297-05 - - USED PAINT THINNER - AF01 AF02 AF03 AF04 (3) c) 159509-00 - WASTE PAINT - AF01 AF02 AF03 AF04 (4)~~ d) 92142-02 - - USED KEROSENE - AF01 AF02 AF03 AF04 (5)

K. Handling Codes for Wastes Listed Above

a) b) c) d)

15. Special Handling Instructions and Additional Information

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GENERATOR

Printed/Typed Name: Corey D. Mead | Signature | Month 3 Day 2 Year 99

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: MICHAEL CHILBERTO ON BEHALF OF PHILIPSERVICES | Signature | Month 03 Day 02 Year 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Regina Palmer | Signature | Month 3 Day 2 Year 99

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Kathy Baldwin | Signature | Month 04 Day 08 Year 99

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete

ORIGINAL-RETURN TO GENERATOR

***FOR 24 HOUR EMERGENCY RESPONSE INFORMATION, CALL (907) 272-9007 ***

(4024) AA042

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UNIFORM HAZARDOUS WASTE MANIFEST *(Continuation Sheet)*

21. Generator's US EPA ID No.: AKD000850701 | Manifest Document No.: NPR36

22. Page 2 of 2 | Information in the shaded areas is not required by Federal law.

23. Generator's Name
WILLIAMS ALASKA PETROLEUM INC
1100 H & H LANE
NORTH POLE AK 99705-0000 (907)488-0033

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 03 Company Name: Crowley Marine Service | 25. US EPA ID Number: WAD008958027

N. State Transporter's ID

O. Transporter's Phone (907) 563-1114

26. Transporter 04 Company Name: Union Pacific Railroad Co. | 27. US EPA ID Number: NED001792910

P. State Transporter's ID

Q. Transporter's Phone (314) 622-0123

	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	WASTE FLAMMABLE LIQUID, N.O.S. (PETROLEUM DISTILLATES, BENZENE) 3 UN1993 PGII ERG#(128)	RQ	12	DM	4800	P	D001 D003 F037
b.	WASTE ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (MERCURY) 9 UN3077 PGIII ERG#(171)	RQ	1	DM	600	P	D009
c.	HAZARDOUS WASTE LIQUID, N.O.S. (SULFOLANE, BENZENE) 9 NA3082 PGIII ERG#(171)	RQ	1	DM	80	P	D018
d.							
e.							
f.							
g.							
h.							
i.							

GENERATOR

S. Additional Descriptions for Materials Listed Above
a) 45258A-01 - - OILY WATER, SEPARATOR SLUDGE (REGULATED SULFIDES) - INC13 (6) b) 145851-02 - - FLUORESCENT LIGHT TUBES - STAB04 STAB05 (8) c) 52831-05 - - SULFOLANE WITH BENZENE - AF01 AF02 AF03 AF04 INC09 (9)

T. Handling Codes for Wastes Listed Above
a) b) c)

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter ___ Acknowledgement of Receipt of Materials
Printed/Typed Name: Regina Palmer | Signature: Regina Palmer for Crowley | Date: Month 03 Day 24 Year 99

34. Transporter 04 Acknowledgement of Receipt of Materials
Printed/Typed Name: On behalf of Union Pacific Cathy Baldwin | Signature: Cathy Baldwin | Date: Month 04 Day 08 Year 99

FACILITY

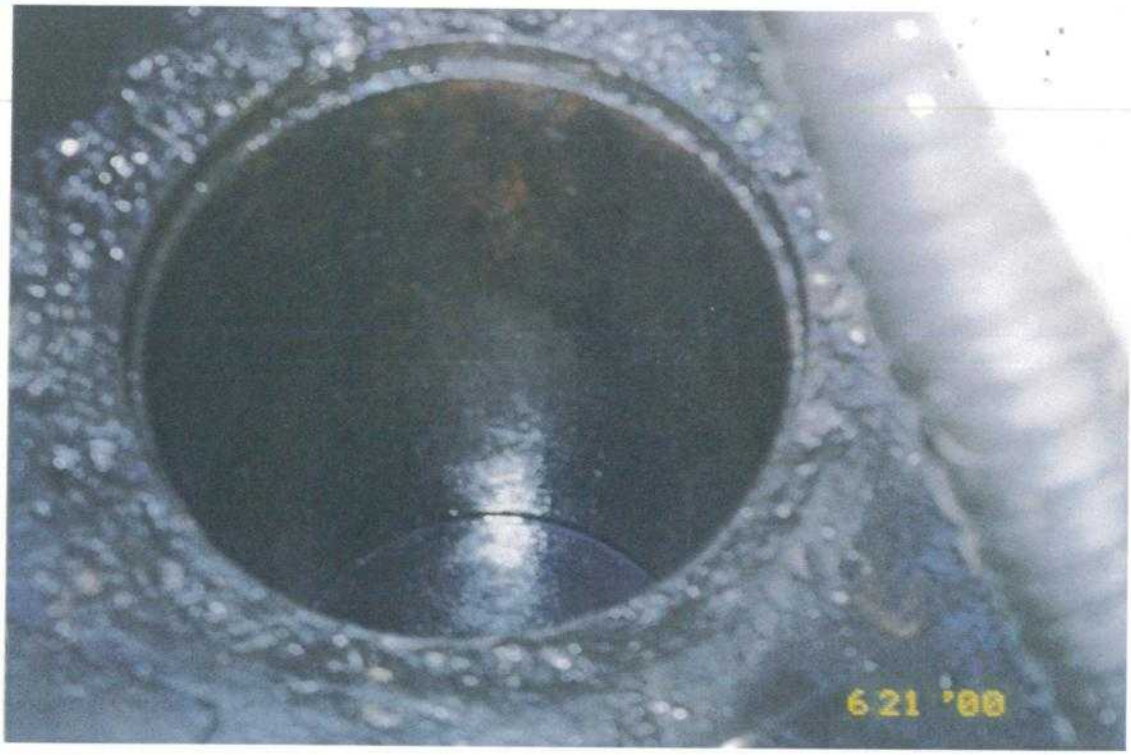
35. Discrepancy Indication Space

EPA Form 8700-22A (Rev. 9-88) Previous edition is obsolete ORIGINAL-RETURN TO GENERATOR

MAPCO-WILLIAMS, ALASKA PETROLEUM, INC. Photo 1
North Pole, Alaska

Cleaning pad for theheat exchangers look to the south.

USEPA-R10 June 22, 2000



MAPCO-WILLIAMS, ALASKA PETROLEUM, INC. Photo 2
North Pole, Alaska

At the south end of the pad are two sumps like this one. The oily water is pumped out and sent to "Tank 195", the headworks of the waste water treatment unit.

USEPA-R10 June 22, 2000

MAPCO-WILLIAMS, ALASKA PETROLEUM, INC. Photo 3
North Pole, Alaska

Observation of containers holding K050 hazardous waste and the cleaning pad at Williams. Approximately 39 drums of various waste are stored for pickup by Phillips Environmental.

USEPA-R10

June 22, 2000

MAPCO-WILLIAMS,ALASKA PETROLEUM,INC. Photo 4
North Pole, Alaska

Observation of a heat exchanger. The soils in the background are from spill clean-ups at Williams.

USEPA-R10 June 22, 2000

MAPCO-WILLIAMS, ALASKA PETROLEUM, INC. Photo 5
North Pole, Alaska

Observation of the cleaning pad looking northwest.

USEPA-R10

June 22, 2000

MAPCO-WILLIAMS, ALASKA PETROLEUM, INC. Photo 6
North Pole, Alaska

Spill clean-up soils. The soils will be disposed at OIT, a soil burning operation located in North Pole, Alaska.

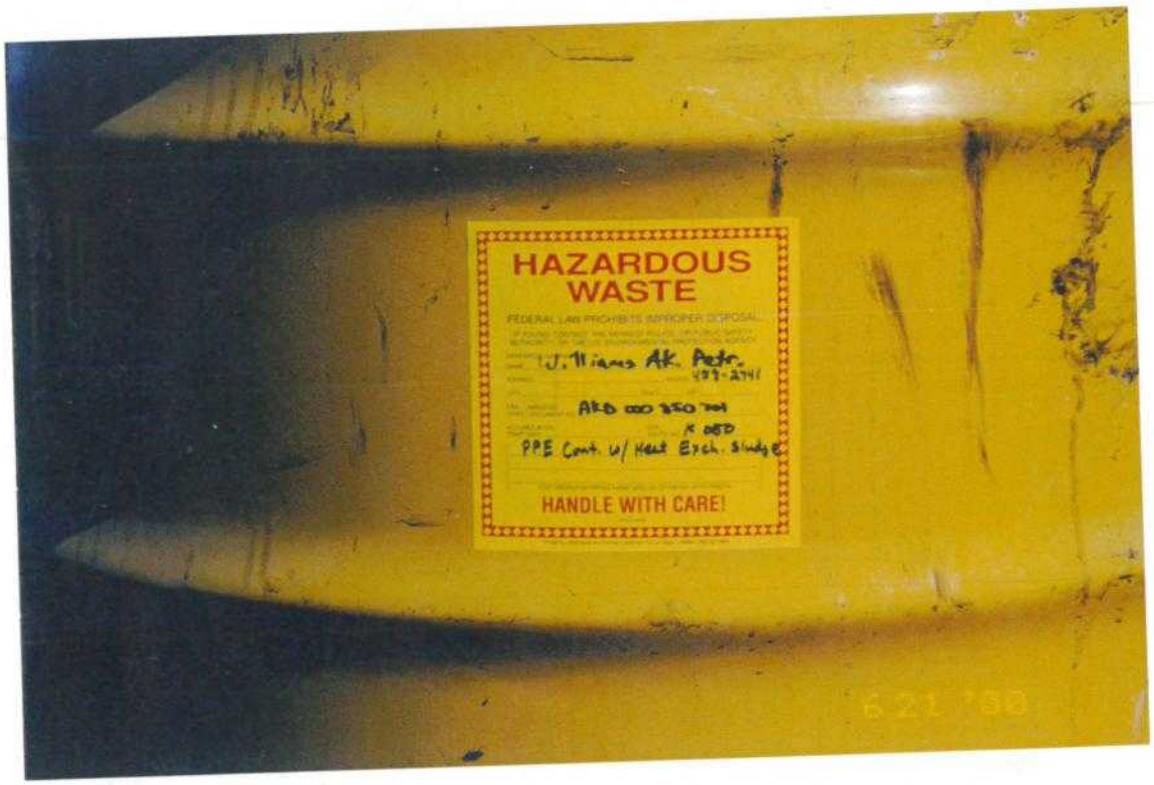
USEPA-R10

June 22, 2000

MAPCO-WILLIAMS, ALASKA PETROLEUM, INC. Photo 7
North Pole, Alaska

Spill clean-up soil. The soils will be disposed at OIT, a soil burning operation located in North Pole, Alaska. Looking south.

USEPA-R10 June 22, 2000



MAPCO-WILLIAMS, ALASKA PETROLEUM, INC. Photo 8
North Pole, Alaska

Example of label on hazardous waste stored on the cleaning pad.

USEPA-R10 June 22, 2000